

20011228.qrp v02_n419.qrl.20011228

Date: Fri, 28 Dec 2001 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2419

QRP-L Digest 2419

Topics covered in this issue include:

- 1) [116142] mW Contest - Day 2
by Larry Cahoon <lejek@erols.com>
- 2) [116143] Tiny Tornado Crystals
by rfcdma@spinn.net
- 3) [116144] Day 2, Holiday Mw
by W2AGN <w2agn@pobox.com>
- 4) [116145] Day 2 - Holiday Milliwatt Contest
by David Gauding <david.gauding@bbs.galilei.com>
- 5) [116146] Free SPRAT's, Free Shipping
by "Dennis Payton" <dpayton@fwi.com>
- 6) [116147] SCAM ALERT!!
by "Brian" <brian@iquest.net>
- 7) [116148] Re: DXCC Country List Needed (in ASCII)
by "E. Roswell" <eroswell@monmouth.com>
- 8) [116149] Re: DXCC Country List Needed (in ASCII)
by "E. Roswell" <eroswell@monmouth.com>
- 9) [116150] [CW] Software for text to code conversion?
by "Henry Knoll" <knoll1003@tc.umn.edu>
- 10) [116151] Help
by "Rouse, Mark S." <rouse@mayo.edu>
- 11) [116152] FOX: Looks Grim but..
by "Karl F. Larsen" <k5di@zianet.com>
- 12) [116153] Re: DXCC Country List Found!
by Ron KU7Y <mswmod@bigplanet.com>
- 13) [116154] Re: Tiny Tornado Crystals
by "blinn" <blinn@smgazette.com>
- 14) [116155] FS- amp for 817
by "Jimmy" <ke4bf@hiwaay.net>
- 15) [116156] Re: Tiny Tornado Crystals
by "blinn" <blinn@smgazette.com>
- 16) [116157] FOX: What a Deal!
by "Karl F. Larsen" <k5di@zianet.com>
- 17) [116158] Nabbed both Foxiis...
by Fred Lesnick <flesnick@tbaytel.net>
- 18) [116159] de N0TU - Holiday Milliwatt Contest
by David Gauding <david.gauding@bbs.galilei.com>
- 19) [116160] Re: Help

by "Karl F. Larsen" <k5di@zianet.com>
20) [116161] Re: FOX: Looks Grim but..
by FIVEWATTS@aol.com
21) [116162] RE: Help
by Nick Kennedy <nkennedy@tcainternet.com>
22) [116163] Clean Sweep
by "George, W5YR" <w5yr@att.net>
23) [116164] G5RV Comments
by ARDUJENSKI@aol.com
24) [116165] Fox -- Think I Got 'em Both...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
25) [116166] Fox K0PC
by "Jim Stamper" <jstamper@shentel.net>
26) [116167] Re: Fox -- Think I Got 'em Both...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
27) [116168] FOX: the little rig that could
by "Rod N0RC" <rod@n0rc.com>
28) [116169] Oh Truffle were art thou!
by "N8IE" <n8ie@woh.rr.com>
29) [116170] Re: Looks Grim but..
by "John J. McDonough" <wb8rcr@arrl.net>
30) [116171] Re: FOX: What a Deal!
by Pete Burbank <plburbank@kih.net>
31) [116172] Re: Looks Grim but..
by "Trevor Jacobs" <fxtech@earthlink.net>
32) [116173] Christmas Truffle de Santa!
by "N8IE" <n8ie@woh.rr.com>
33) [116174] QRP in RAC Canada Winter Contest Dec 29
by VE3JC - John C <jbcumming@wwdc.com>
34) [116175] Re: DXCC Country List Needed (in ASCII)
by Bob Nielsen <nielsen@oz.net>
35) [116176] Re: DXCC Country List Needed (in ASCII)
by Bob Nielsen <nielsen@oz.net>
36) [116177] RE: 5763 rig info
by "Carl Morris" <wn3dug@home.com>
37) [116178] FOX: Fox Log K0PC, The Grinch Stole the Fox Hunt
by Pat Cain <pcain@ix.netcom.com>
38) [116179] printed circuit board transfers...
by n4djs@netscape.net (David Ritchie)
39) [116180] Re: de N0TU - QRP-L is bouncing
by "Jim Larsen" <a17fs2001@hotmail.com>
40) [116181] Re: RG-58 Power Handling Limit
by Bill Coleman <aa4lr@arrl.net>
41) [116182] Re: QRP in RAC Canada Winter Contest Dec 29
by Ed Lawson (K1VP) <k1vp@grizzly.com>
42) [116183] Re: sort of a dumb question but I have to know
by Bill Coleman <aa4lr@arrl.net>
43) [116184] N4HY, AB2KT QRV /3/QRP QTH DE 29 DEC 2001 0500Z

- by brickle <brickle@pobox.com>
- 44) [116185] Re: [OT] University Clubs
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 45) [116186] Correction! Re: N4HY, AB2KT...0500Zxxxx 1700Z
by brickle <brickle@pobox.com>
- 46) [116187] JunkBox Antenna Baluns vs Chokes
by K5BDZ@aol.com
- 47) [116188] VFO Caps etc
by K5BDZ@aol.com
- 48) [116189] Tkit 1320 Thump???
by Mark Prather <wb9hfk@yahoo.com>
- 49) [116190] FS: Wilderness Sierra, KC-2, 5 band modules PRICE REDUCED
by "Dave Ek" <ekdave@earthlink.net>
- 50) [116191] QRPp Fall 2001 Up For Grabs
by John R Kirby <n3aaz-qrp@juno.com>
- 51) [116192] FOX: Fox Log for KV2X
by Thomas Jennings <jennings@eznet.net>
- 52) [116193] [OT] Msgs Bounce -- QRP-L and QSL.Net
by Chuck Carpenter <W5USJ@go.com>
- 53) [116194] QRP in RAC Canada Winter Contest Dec 29 (fwd)
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 54) [116195] needed: 73 magazine reprint
by "TheRubins" <hrubin1970@home.com>
- 55) [116196] Re: Antenna question from WB4WHH
by K5BDZ@aol.com
- 56) [116197] Re: [OT] University Clubs
by Bruce Muscolino <w6toy@erols.com>
- 57) [116198] More Xmas Greak RadioActivity, HB!
by "Rod N0RC" <rod@n0rc.com>
- 58) [116199] RAC Winter contest
by Bruce Rattray <ratttray@gpfn.sk.ca>
- 59) [116200] Re: More Xmas Greak RadioActivity, HB!
by David Hinerman <WD8CIV@worldnet.att.net>
- 60) [116201] Year-end rambling: EEs and ham radio clubs
by "AI2Q Alex" <ai2q@adelphia.net>
- 61) [116202] mW contest (40-9er)
by Jim <sunwatt@starband.net>
- 62) [116203] More Xmas Break RadioActivity, HB! REPOST
by "Rod N0RC" <rod@n0rc.com>
- 63) [116204] FOX: Spot
by "Tom" <n1tp@worldnet.att.net>
- 64) [116205] RAC Winter test !!!
by "George Osier" <gosier@twcnny.rr.com>
- 65) [116206] WTT Rigblaster for unbuilt???
by "Rod N0RC" <rod@n0rc.com>
- 66) [116207] Re: VFO Caps etc
by "Brad Hernlem" <alihernlem@hotmail.com>
- 67) [116208] Re: VFO Caps etc

by "George, W5YR" <w5yr@att.net>

68) [116209] Re: Fwd: Re: Printed circuit board stuff & interesting DX
by "Brad Hernlem" <alihernlem@hotmail.com>

69) [116210] Re: Phone spectrum land grab, as expected
by "Jim FitzSimons" <cherry@getnet.net>

70) [116211] Re: More Xmas Greak RadioActivity, HB!
by "Ed Rowan, AC5DC" <ac5dc@ipa.net>

71) [116212] Re: G5RV Comments
by Jeff <fantbb@yahoo.com>

72) [116213] Re: Fwd: Re: Printed circuit board stuff & interesting DX
by David Hinerman <WD8CIV@worldnet.att.net>

73) [116214] HW9 parts
by euraamcom pages <mel@euramcom.freemove.co.uk>

74) [116215] Re: sort of a dumb question but I have to know
by "Tom Pennebaker" <n4rs@netpath-rc.net>

75) [116216] mW contest - AL7FS
by Jim Larsen - AL7FS <AL7FS@ARRL.NET>

76) [116217] Re: Year-end rambling: EEs and ham radio clubs
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>

77) [116218] Re: sort of a dumb question but I have to know
by "ZOOM" <kandrparker@sympatico.ca>

78) [116219] D Region absorption
by Howard Myers <howardw7ilw@cableone.net>

79) [116220] Fw: ARLB056 FCC Denial Leaves League Eyeing Congressional Action on
CC&Rs
by "w2wurjj" <w2wurjj@verizon.net>

80) [116221] FS: N0SS board sold
by "Ed Rowan, AC5DC" <ac5dc@ipa.net>

81) [116222] Re: D Region absorption
by W2AGN <w2agn@pobox.com>

82) [116223]
by "Tom Pennebaker" <n4rs@netpath-rc.net>

83) [116224] NQ4RP Active Tonight for Holiday MW contest
by "Michael C. Boatright" <ko4wx@mindspring.com>

84) [116225] land grab etc..ants.
by hamjoel@juno.com

85) [116226] AL7FS mW on 10 meters 2220z
by "Jim Larsen" <al7fs2001@hotmail.com>

86) [116227] AL7FS QSL cards in the mailbox
by "Jim Larsen" <al7fs2001@hotmail.com>

87) [116228] AL7FS - Jim in AK on 10 meters
by "Tom" <n1tp@worldnet.att.net>

88) [116229] Re: [fpqrp] Christmas Truffle de Santa!
by K8CZ@att.net

89) [116230] Re: [fpqrp] Oh Truffle were art thou!
by K8CZ@att.net

90) [116231] Re: AL7FS - Jim in AK on 10 meters
by W2AGN <w2agn@pobox.com>

- 91) [116232] FS: Wilderness Sierra with KC2 & LDG Tuner
by Ronnie Davis <ke4vpn@yahoo.com>
92) [116233] Headphones...
by "Trevor Jacobs" <fxtech@earthlink.net>
93) [116234] Re: AL7FS - Jim in AK on 10 meters
by "Greg Breeden" <gbreeden@pivot.net>

Date: Fri, 28 Dec 2001 00:08:37 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [116142] mW Contest - Day 2
Message-ID: <5.1.0.14.0.20011228000327.02291440@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Today I didn't have as much time for the contest as it was already an hour old by the time I got home from work. Plus I had a Sked with a fellow in AK for a QSO I needed for one of the county hunter awards - we ended up working each other on three bands for the fun of it. Only one QSO was QRP - the 10 meter one. Plus I had to take time out to work both SD and WY QRPp along the way.

Today it was again 8 QSO - but the scoring was better. I manage to pick up six states again but got three for the name multiplier. I also did a bit better on the power levels. 2 QSOs at 8 mW, 2 at 25 mW, and 4 at 100 mW. Then on top of that I pickup up three club stations today.

So the score for the day - again if I did the math right - came out to 16,064.

That puts the total at 26,332 for two day.

Now I have to see if I can improve on that tomorrow.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Thu, 27 Dec 2001 17:33:30 -0700
From: rfcdma@spinn.net
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116143] Tiny Tornado Crystals
Message-ID: <3C2BBDDA.D14F8672@spinn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

One: I am looking for a couple of crystals for a 30 meter tiny tornado does anyone have some they would like to part with?

two: any suggestions on where to order crystals

three: (I know three questions in one post is pushing it :)) For ordering an HC 49/U for this task what should I specify for freq tolerance, series R, Load C, etc so that I get an XTAL that is adequate but not worth 3X the price of the Tornado!

I looked at all the TT websites I could find and found no info on Crystal specifications!

Thanks
WD7Z

Date: Thu, 27 Dec 2001 19:39:50 -0500
From: W2AGN <w2agn@pobox.com>
To: qrp-1@lehigh.edu, QRPp-1@yahooogroups.com
Subject: [116144] Day 2, Holiday Mw
Message-ID: <0112271939500I.03589@CC2289974-A>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Bands sounded noisy at start, but got better. Tried running 100mw today, and seemed to get out as well as 400 and 200 did yesterday. Even worked G3R00 with a 539 report. Worked K4LKL on 3 bands.

This is really the first time I've played around much under 1 watt. I am getting hooked!

--

John L Sielke W2AGN
 w2agn@pobox.com
http://www.qsl.net/w2agn

Trustee: W3IYQ

Date: Thu, 27 Dec 2001 18:51:42 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [116145] Day 2 - Holiday Milliwatt Contest
Message-ID: <5.1.0.14.0.20011227184141.00a3aec0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy,

A little better log than Day 1 - 11 contacts, all at the 50mW level.
Included 8 SPC's, two club stations and got a 3 letter multiplier to boot.
Life is pretty good.

Used the Argo 515 and a St. Louis Vest Pocket Vertical over St. Louis Radials.

Still need to find out what AB8DF is using for an antenna. Ed had the
Signal-of-the-Day once again. <g>

de Dave, NF0R nf0r@slacc.com

Date: Thu, 27 Dec 2001 20:12:25 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [116146] Free SPRAT's, Free Shipping
Message-ID: <004e01c18f3c\$c6e52400\$d5a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've got some SPRAT's that are excess to my needs. They are #50, 52, 54, 55, 58, 59, & 61-78. There are doubles of #66-69. If you want them, send me an email, and if several people want them, I'll wait until Friday night, then draw a name out of a hat, giving digest subscribers an equal shot of them.

Thanks,

Denny Payton, N9JXY
Auburn, IN

Date: Thu, 27 Dec 2001 20:29:53 -0500
From: "Brian" <brian@iquest.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "Pigs" <fpqrp-l@mpna.com>
Subject: [116147] SCAM ALERT!!
Message-ID: <012a01c18f3f\$275d1d90\$95372bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Be wary of this guy:

David Munroe AKA: David Stelman, Dave Spelman, Doc Munroe
R.R. #2 OR 220 Paudash Road
Keene, Ontario, Canada K0L2G0

The guy has been ripping off electronic enthusiasts all month. He'll
post an ad for a trade, usually a scanner or HF receiver, only takes
money orders, you send the cash, he sends you nothing.

Sometimes uses an email address of: speedy@northshells.net

See groups.google.com for more info.

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====

Date: Thu, 27 Dec 2001 20:32:29 -0500

From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [116148] Re: DXCC Country List Needed (in ASCII)
Message-ID: <3C2BCBAD.93CC4505@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Goto: <http://www.cpcug.org/user/wfeidt/Dxcc/>
and see what you can make out of these listings. One is from a delimited
ASCII data base, and might be downloadable for you OK. See also beam heading
chart you can customize to your lat/long.
73, Ed, K2MGM.

Date: Thu, 27 Dec 2001 20:36:02 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [116149] Re: DXCC Country List Needed (in ASCII)
Message-ID: <3C2BCC82.6BCF0E66@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Also try: www.ari.it/DXCClist.doc
This comes up in Microsoft Word format and may be therefore loadable in Excel.

Ed

Date: Thu, 27 Dec 2001 20:14:10
From: "Henry Knoll" <knoll1003@tc.umn.edu>
To: qrp-1@Lehigh.EDU
Subject: [116150] [CW] Software for text to code conversion?
Message-ID: <iss.1ece.3c2bd513.45e4e.1@amethyst.tc.umn.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Thu, 27 Dec 2001 18:29:52
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [116113] [CW] Software for text to code conversion?

Here's a windows program that works just fine

Henry WA0G0Z

WinMorse Website: <http://www.markbellamy.com/winmorse/>

Date: Thu, 27 Dec 2001 20:25:02 -0600
From: "Rouse, Mark S." <rouse@mayo.edu>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [116151] Help
Message-ID: <033E407400B1D511A2840002B33B609D08F557@excsrv13.mayo.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Hello List,

I have a newbie question. I installed a G5RV on the roof with the feed stub hanging down the side of the house. There is a 7 turn coil of coax at the feed stub, the coax is new. I noticed that the reception changed dramatically while hooking the coax to the radio. It was loud and clear when only the center wire of connector touched the radio and muted quite a bit when I screwed the outer connector to the radio. What is going on and how do I fix it. Please.

Mark Rouse
KB0NKU

Date: Thu, 27 Dec 2001 19:32:51 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [116152] FOX: Looks Grim but..
Message-ID: <Pine.LNX.4.33.0112271928450.3594-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I can hear KV2X on 7041.68 working guys up but he is way too weak to work now. I think I MIGHT hear K0PC on 7038.34 but the Mexican SSB is 40 DB over and has him covered most of the time. It sounds like the big

solar flare is doing bad things to the band.

Unless the band picks up I am in for a skunk day...

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 27 Dec 2001 18:55:24 -0700
From: Ron KU7Y <mswmod@bigplanet.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [116153] Re: DXCC Country List Found!
Message-ID: <003601c18f43\$39a3c720\$dac0a9d8@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Thanks to all you who have either sent a file to me or offered to! Once again this list has come through with flying colors!

73,

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West
Currently in Brenda, AZ.

Date: Thu, 27 Dec 2001 18:26:10 -0800
From: "blinn" <blinn@smgazette.com>
To: <rftcdma@spinn.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116154] Re: Tiny Tornado Crystals
Message-ID: <005601c18f47\$0505ca00\$b169f040@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Norcal has made a special purchase of crystals.

Crystals are in HC49U holders and are available in the following frequencies:

7.122Mhz - 40 meter Novice band

7.040Mhz - 40 meter QRP Frequency

Crystals are \$3.00 each postpaid. DX add \$2.00 postage.

Send check or money order made out to Doug Hendricks, NOT NorCal.

Doug Hendricks
862 Frank Ave.
Dos Palos, Ca 93620

PS: Doug recently announced 14.060 crystals at \$3.00 too.

Good luck, Bill - WA7TQK

-----Original Message-----

From: rfcdma@spinn.net <rfcdma@spinn.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Thursday, December 27, 2001 3:34 PM

Subject: Tiny Tornado Crystals

>One: I am looking for a couple of
>crystals for a 30 meter tiny tornado
>does anyone have some they would like to
>part with?

>

>two: any suggestions on where to order
>crystals

>

>three: (I know three questions in one
>post is pushing it :)) For ordering an
>HC 49/U for this task what should I
>specify for freq tolerance, series R,
>Load C, etc so that I get an XTAL that
>is adequate but not worth 3X the price
>of the Tornado!

>

>I looked at all the TT websites I could
>find and found no info on Crystal
>specifications!

>

>Thanks

>WD7Z

>

--

Date: Thu, 27 Dec 2001 20:34:01 -0600
From: "Jimmy" <ke4bf@hiwaay.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [116155] FS- amp for 817
Message-ID: <015001c18f48\$1ce0db00\$7850b4d8@brenda>

I have a like new amplifier that would be great for the 817. It's a Diawa model LA-2080H. 2 meter vhf, 5 watts in gets you 100 watts out. Has FM, SSB modes. GaAsFet Receiver preamp. Great for working satellites with your 817. \$100.00 will get it shipped to you. If interested, please reply direct.
de Jim KE4BF
FP# 375, ARCI 8916, Norcal 1296, QRP-L # 2375

Date: Thu, 27 Dec 2001 18:44:15 -0800
From: "blinn" <blinn@smgazette.com>
To: <blinn@smgazette.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116156] Re: Tiny Tornado Crystals
Message-ID: <006e01c18f49\$8b5e9260\$b169f040@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OOPS! Those won't quite work for 30 meters.... sorry.

Bill - WA7TQK

-----Original Message-----

From: blinn <blinn@smgazette.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, December 27, 2001 5:40 PM
Subject: Re: Tiny Tornado Crystals

>Norcal has made a special purchase of crystals.

>

>Crystals are in HC49U holders and are available in the following

>frequencies:
>7.122Mhz - 40 meter Novice band
>
>7.040Mhz - 40 meter QRP Frequency
>
>
>Crystals are \$3.00 each postpaid. DX add \$2.00 postage.
>
>Send check or money order made out to Doug Hendricks, NOT NorCal.
>
>Doug Hendricks
>862 Frank Ave.
>Dos Palos, Ca 93620
>
>PS: Doug recently announced 14.060 crystals at \$3.00 too.
>
>Good luck, Bill - WA7TQK
>-----Original Message-----
>From: rfcdma@spinn.net <rfcdma@spinn.net>
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Date: Thursday, December 27, 2001 3:34 PM
>Subject: Tiny Tornado Crystals
>
>
>>One: I am looking for a couple of
>>crystals for a 30 meter tiny tornado
>>does anyone have some they would like to
>>part with?
>>
>>two: any suggestions on where to order
>>crystals
>>
>>three: (I know three questions in one
>>post is pushing it :)) For ordering an
>>HC 49/U for this task what should I
>>specify for freq tolerance, series R,
>>Load C, etc so that I get an XTAL that
>>is adequate but not worth 3X the price
>>of the Tornado!
>>
>>I looked at all the TT websites I could
>>find and found no info on Crystal
>>specifications!
>>
>>Thanks
>>WD7Z
>>
>

>
>--
>
>

--

Date: Thu, 27 Dec 2001 20:09:08 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [116157] FOX: What a Deal!
Message-ID: <Pine.LNX.4.33.0112272004290.3632-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well the band stinks but I worked both Foxes this evening. Just finished with Tom KV2X and I had to repeat my call 8 or 9 times, and lied to give him a 339 report! He was below the noise level.

Pat K0PC was a lot stronger and he heard me on my first call. So even with a punk band you can get QRP signals a long way. Tom and I are about 1,500 miles apart.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 27 Dec 2001 22:08:00 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-1@Lehigh.EDU>, "QFOX@egroups.com" <QFOX@egroups.com>
Subject: [116158] Nabbed both Foxiis...
Message-ID: <3C2BE210.9D69840F@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Managed to grab both of the critters. Just got in the door at 0245z from a birthday party, and had both foxiis by 0304 z.

K0PC 599, and KV2X was 559.

Not bad eh!

Fred
VE3FAL

Date: Thu, 27 Dec 2001 21:06:22 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [116159] de N0TU - Holiday Milliwatt Contest
Message-ID: <5.1.0.14.0.20011227210313.00a460d0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Posting this message for N0TU. Steve is unable to access QRP-L tonight. As I read it he had a great time running portable this afternoon. TNX OM!

de Dave, NF0R nf0r@slacc.com

>From: "Steve/n0tu" <n0tu@qsl.net>
>To: <david.gauding@bbs.galilei.com>,
> "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: Day 2 - Holiday Milliwatt Contest
>Date: Thu, 27 Dec 2001 18:15:52 -0700
>X-Mailer: Microsoft Outlook Express 5.50.4133.2400
>
>WOW what a FUN day at the Holiday Milliwatt Contest de n0tu/p
>
>Decided to hike up to my favorite QRP spot on top of Mt Herman, It's
>elevation is ~ 9000 ft. But it's got a 2000' drop off to the east that makes
>for a great signal launch point. About 2 ft of snow at the summit, air temp
>23*, sunny and clear.
>
>I brought a my 20m HB SST(set at 250Mw on the OHR WM-2), a 20m CFZ with
>tuner, and end fed half wave w/LC tuner to try. Once on top, the hike up
>really peaked my appetite and lunch came before first QSO! (huh?)
>
>I setup my half wave in a near by tree and it seemed to be working as I made
>a few Qs. But decided to change it's direction so it'd beam E/W instead.
>While pulling it down, I lost the end weight! And no rocks to be seen in 2
>feet of snow cover!
>
>I was still eating a huge carrot from lunch when the idea struck. I tied the
>carrot to the end of the wire and lobed it over the SE tree. Boy, I'm

>impressed ended halfwaves work FB. No more fed lines for me!! Just bring
>some carrots, a half wave worth of wire and the lil' LC tuner!
>
>I managed to work several stns maybe 6-7 and had a blast. I ashamed to say I
>forgot pencil so no log!! Nutz! I thought of using my knife to carve a log
>in some bark but again snow cover made for slim pickings on bark scraps. And
>I didn't want to log ur calls into history on a living tree!! Next time the
>check list will be read before leaving home!
>
>FUN time.
>
>BTW for some reason my mail to QRP-L is bouncing and I'm not able to post or
>unsubscribe or rescribe? Strange? So Dave, can you please post this to the
>list for me? TKS OB!
>
>~ Steve/n0tu ~
>

Date: Thu, 27 Dec 2001 20:14:51 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Rouse, Mark S." <rouse@mayo.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116160] Re: Help
Message-ID: <Pine.LNX.4.33.0112272011330.3632-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What you heard Mark is a fairly normal thing. With just the center
conductor connected your receiver may be better connected than when you
hook up the entire coax. A G5RV may have a high SWR that needs a tuner to
correct. When you do the tuning then the receiver will sound good again.

On Thu, 27 Dec 2001, Rouse, Mark S. wrote:

>
> Hello List,
>
> I have a newbie question. I installed a G5RV on the roof with the feed stub
> hanging down the side of the house. There is a 7 turn coil of coax at the
> feed stub, the coax is new. I noticed that the reception changed
> dramatically while hooking the coax to the radio. It was loud and clear
> when only the center wire of connector touched the radio and muted quite a
> bit when I screwed the outer connector to the radio. What is going on and

> how do I fix it. Please.

>

> Mark Rouse

> KB0NKU

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 27 Dec 2001 22:14:10 EST
From: FIVEWATTS@aol.com
To: k5di@zianet.com, qrp-1@lehigh.edu
Subject: [116161] Re: FOX: Looks Grim but..
Message-ID: <138.6e34272.295d3d82@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/27/01 9:34:36 PM Eastern Standard Time, k5di@zianet.com writes:

<<

I can hear KV2X on 7041.68 working guys up but he is way too weak to work now. I think I MIGHT hear K0PC on 7038.34 but the Mexican SSB is 40 DB over and has him covered most of the time. It sounds like the big solar flare is doing bad things to the band. >>

I heard the same here on the east coast.

The SSB station must be putting out some power.

72

Bob

WA2HOQrp <tm>

Date: Thu, 27 Dec 2001 21:19:47 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'rouse@mayo.edu'" <rouse@mayo.edu>,
"Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [116162] RE: Help
Message-ID: <01C18F1C.36FD22E0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

What band was your receiver on? Remember that the G5RV isn't an all band (without tuner) antenna. I'd guess that it provided a bad enough match at the band you were on that just using half of it single-ended worked better.

Of course, simple things first. Take an ohmmeter and make sure you don't have a short from pin to shell of your coax connector. Happens a lot. To (ahem) some of us, anyway. If that's not the case and you were planning to use a tuner, hook it up normally thru the tuner and tune for maximum noise (signal) on the band of interest.

72 & GL--

Nick, WA5BDU

-----Original Message-----

From: Rouse, Mark S. [SMTP:rouse@mayo.edu]
Sent: Thursday, December 27, 2001 8:25 PM
To: Low Power Amateur Radio Discussion
Subject: Help

Hello List,

I have a newbie question. I installed a G5RV on the roof with the feed stub hanging down the side of the house. There is a 7 turn coil of coax at the feed stub, the coax is new. I noticed that the reception changed dramatically while hooking the coax to the radio. It was loud and clear when only the center wire of connector touched the radio and muted quite a bit when I screwed the outer connector to the radio. What is going on and how do I fix it. Please.

Mark Rouse
KB0NKU

Date: Thu, 27 Dec 2001 21:32:51 -0600
From: "George, W5YR" <w5yr@att.net>
To: "qrp-l@Lehigh.edu" <qrp-l@Lehigh.edu>,
netxqrp <netxqrp@mailman.qth.net>
Subject: [116163] Clean Sweep
Message-ID: <3C2BE7E3.F68D3CCC@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fortune smiled once more and the Yellow Rose was rewarded with a Truffle and two Foxii. Went after Pat first since I do better in MN than NY and got him early on at 0204. Tom took a little more "doing" since he was almost buried under some XE SSB QRM. But, finally he sent "NR?" and that told me that he had copied at least part of the call. He came back and went into the log at 0225. I continued to listen and Tom got loudspeaker loud and peaking S8-9 on the meter when I shut down.

Good Hunts tonight, but more and more we are having to learn how to deal with SSB QRM from QRO stations.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262 COG 8
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

Date: Thu, 27 Dec 2001 22:34:14 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [116164] G5RV Comments
Message-ID: <182.1654fdd.295d4236@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have been doing some research on the G5RV for personal reasons and have found that first, the standard G5RV is not normally good on 15 meters and secondly the G5RV is extremely sensitive to elevation, proximity to objects and change in feed velocity factor.

Say you have one leg over the roof and the other tied off to a tree the imbalance can create significant changes in SWR and impedance values.

Reg's (G4FGQ) has a program called DIPOLE1 that allows you to explore the affects of change:

<http://www.btinternet.com/~g4fgq.regp/page3.html#S301>

So what may work fine for one set of conditions may not for another. The coiling of the coax feed will change the feedpoint impedance also. (On my GAP TITAN I had it all tuned for the cw bands and then adding the coiled coax thru off all the resonance points.)

One thing to try with DIPOLE1 is set an 80m dipole at 30ft then reduce the height to about 9-10 ft. Fairly substantial loss.

Although I don't qualify as one of the antenna gurus here, hopefully this info may be of some value

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

BTW here is a site with the IMPROVED G5RV DIMENSIONS:
<http://www.qsl.net/zr1dq/antenna-202.htm#text1>

Wish y'all health and prosperity in 2002

Date: Thu, 27 Dec 2001 21:34:08 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [116165] Fox -- Think I Got 'em Both...
Message-ID: <200112280334.AA01022@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Pat was quite literally like shooting fish in a barrel, as I got him first call with 400 (really 350) mW. Then again, he's only about 500 miles away, and was 2/3 of my total foxii in last year's hunts (when I ran 300 mW out of necessity), so I *know* I can work him unless something is *really* wrong.

Tom, on the other hand, took lots of calling, stick and move, stick and move, etc., but I got him to answer me, and about the time I was in the middle of sending my side of the exchange, the SSB guys fired up on top of him. Not sure if he was asking for a fill or not. Guess we'll see if I make the log, or work him again before the end. :-)

72/73,

Todd, AG0T

Date: Thu, 27 Dec 2001 22:35:20 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [116166] Fox K0PC
Message-ID: <000701c18f50\$addd4640\$91546fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Pat is calling CQ on 7035.8 and listening up one. Some QRM but no hound pileup at 10:30 EST. Very nice signal into VA.

Got Tom, KV2X shortly before. SB QRM and some pileup but workable.

jim-
KG4LDY

Date: Thu, 27 Dec 2001 21:44:45 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116167] Re: Fox -- Think I Got 'em Both...
Message-ID: <200112280344.AA01074@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Worked Tom again, just to be sure, so I got the fox sweep tonight! :-)
One regular, one milliwatt. Can't do *much* better than that (one of these nights, I'm going to get *two* milliwatt pelts! :-).

72/73,

Todd, AG0T

Date: Thu, 27 Dec 2001 20:49:45 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Elecraft-list" <elecraft@qth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116168] FOX: the little rig that could
Message-ID: <004901c18f52\$b1506210\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

After tweaking my K1 a bit today I decided to use it for the QRP-L foxhunt! Worked great! The faster AGC recovered in time to hear the Fox, when others were calling on top! With RIT off I found my TX sweet spot in the pack 0.5 to 1kHz up. Then I turned on the RIT and dialed down to hear the FOX. The new filter settings worked nice, the 200 and 350 Hz settings kept the pack at bay and let the Fox ring through loud and clear. Tom took some time about 45min but I finally got him. Pat was easy, 1 call does it all.

40m was in great shape tonight, both Fox stations were booming in. No nasty geomagnetic effects from the CME earlier in the week. In fact the K index was only 1, the latest WWV report had the A index at 9! And, since our side of the planet is not facing the sun at the moment, no HF blackout/fade from the Proton event. Yep, 40 was about as good as it gets. Not even much SSB or Digi QRM!

Can't wait to try the K1 during the ARS sprint on 07-Jan-2002.

Happy Holidays
73, Rod NØRC
Ft Collins, CO

Date: Thu, 27 Dec 2001 22:54:32 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "FPQRP-1" <fpqrp-1@mpna.com>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [116169] Oh Truffle were art thou!
Message-ID: <KHEKJAKPCEKFOHMPKJPDEEONCAAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Our scheduled Truffle got caught up in a shopping cart accident at a local K-Mart during a Blue Light Special . So after some arm twisting from Mac, AF4PS I did a short run with the club call W8PIG. I sent tu 559 oh dan 5w.

Here are the winners, 11 in 11 minutes, not bad at all. Tnk for showing up!
UTC CALL RST ST NAME PWR
0149 af4ps 559 fl mac 5w
0150 k4adi 559 sc frank 5w
0151 wv9n 59 wv randy 5w

0152 w5yr 559 tx geo 5w
0153 wr5o 559 tx dave 5w
0154 k5jhp 559 tx bill 5w
0155 n9ne 559 wi todd 100mw
0156 k8ut 569 mi lou 5w
0157 aa5o 559 la vern 5w
0158 k8cz 559 oh tom 5w
0159 k4byf 559 fl jack 5w

72, oo
Dan, N8IE
FPQRP #-6, FISTS #4985
QRP-1 #1404, ARCI #11003

Date: Thu, 27 Dec 2001 22:58:02 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [116170] Re: Looks Grim but..
Message-ID: <04de01c18f53\$dab902a0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow - I had to host a local net tonight and totally fergot the fox until I spied Karl's note. Got 'em both. Pat came back on my first call to him. Good nite in spite of all the noise.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, December 27, 2001 9:32 PM
Subject: FOX: Looks Grim but..

>
> I can hear KV2X on 7041.68 working guys up but he is way too weak
> to work now. I think I MIGHT hear K0PC on 7038.34 but the Mexican SSB is
> 40 DB over and has him covered most of the time. It sounds like the big
> solar flare is doing bad things to the band.
>

> Unless the band picks up I am in for a skunk day...
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>

Date: Thu, 27 Dec 2001 22:58:42 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116171] Re: FOX: What a Deal!
Message-ID: <5.0.2.1.0.20011227225205.00b048c0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:09 PM 12/27/2001 -0700, Karl F. Larsen wrote:

> Well the band stinks but I worked both Foxes this evening. Just
> finished with Tom KV2X and I had to repeat my call 8 or 9 times, and lied
> to give him a 339 report! He was below the noise level.

At times Tom was strong then almost fade out with a warbly signal. I thought
at first that something had gone wrong with his rig then remembered about the
CME. When I worked him later he was strong and steady.
Pete NV4V

Date: Thu, 27 Dec 2001 20:03:51 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <wb8rcr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [116172] Re: Looks Grim but..
Message-ID: <010f01c18f54\$a932fb40\$4ae8b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh Darn it! Couldn't get home in time for the hunt... Hope you guys had
fun!

72/73's

Trev

KG6CYN

----- Original Message -----

From: John J. McDonough <wb8rcr@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, December 27, 2001 7:58 PM

Subject: Re: Looks Grim but..

> Wow - I had to host a local net tonight and totally fergot the fox
until I

> spied Karl's note. Got 'em both. Pat came back on my first call to
him.

> Good nite in spite of all the noise.

>

> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr>

> didileydadidah QRP-L #1446 Code Warriors #35

>

> ----- Original Message -----

> From: "Karl F. Larsen" <k5di@zianet.com>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Thursday, December 27, 2001 9:32 PM

> Subject: FOX: Looks Grim but..

>

>

> >

> > I can hear KV2X on 7041.68 working guys up but he is way too weak

> > to work now. I think I MIGHT hear K0PC on 7038.34 but the Mexican
SSB is

> > 40 DB over and has him covered most of the time. It sounds like the
big

> > solar flare is doing bad things to the band.

> >

> > Unless the band picks up I am in for a skunk day...

> >

> > --

> > Yours Truly,

> >

> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

> > <http://www.zianet.com/k5di/>

> >

>

>

Date: Thu, 27 Dec 2001 23:04:50 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "FPQRP-1" <fpqrp-1@mpna.com>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [116173] Christmas Truffle de Santa!
Message-ID: <KHEKJAKPCEKFOHMPKJPDEE00CAAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,
Santa stopped by the shack on Christmas night and sat in as the guest
Truffle. He was very tired from his yearly trip but did a fantastic job. He
even said I might get that pair of pants for Christmas next year. :-D

He sent TU 559 NP (North Pole) SANTA. Now some of you sent what you thought
your were this year by either sending NTY or NIC. Santa just shook his head
on some of you and would not say why. Hummm.

Anyway, thanks for showing up and Santa is working on a special QSL, so just
send one to me and I'll get one out your way.

UTC CALL NON ST NAME PWR
0130 WA8BXN NTY OH MIKE 5W
0131 W0CH 559 MO DAVE 900MW
0132 W5YR NIC TX GEORGE 5W
0135 WV9N NTY OH RANDY 5W
0137 AF4PS NTY FL MAC 5W
0138 K4GT 559 GA JIM 5W
0140 K8KFJ 559 GARY WV 5W
0142 W9HL NTY IL RANDY 5W
0148 KB9BVN 559 IN BRIAN 5W
0149 K4BYF 559 FL JACK 5W
0151 KE6TI 559 IN HAL 3W
0153 N1TP 549 FL TOM 5W
0156 AJ4AY NTY AL JAY 5W
0157 K4FB NTY AL PAUL 5W
0158 WB8ICN NTY MI MIKE 5W
0159 WB0WAO 539 DENNIS MI 5W

72, oo
Dan, N8IE
FPQRP #-6, FISTS #4985
QRP-1 #1404, ARCI #11003

Date: Thu, 27 Dec 2001 23:05:16 -0500
From: VE3JC - John C <jbcumming@wwdc.com>
To: QRP-CANADA <qrp-canada@neale.gpfn.sk.ca>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [116174] QRP in RAC Canada Winter Contest Dec 29
Message-ID: <3C2BEF7C.528063CF@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a reminder that the the Radio Amateurs of Canada "Winter Contest" is Dec. 29, 0000 Z to 2359 Z. Since the QRP class was reinstated in the RAC contests four years ago, we have had a steady QRP showing, and we want to make sure it keeps growing. In last year's contest, three participants surpassed the previous QRP record, and QRP entries were received from eight countries.

Regardless of where you are, I hope you'll think about participating. Here are a few reasons for you to join in:

- in a single day you can possibly earn the "Canadian QRP Award" sponsored by VA3JFF (<http://www.systems95.com/users/jeffh/>)
- you can make some CW contacts without worrying about keeping up with the speed demons (most participants go at a very relaxed pace - many operate CW on the half-hour)
- you can check out that new cw or ssb rig you got for Christmas
- you can experiment with propagation on all bands from the Atlantic to the Pacific, over a 24 hour period
- you can brush up on your Canadian geography
- most important reason: It's a whole lot of QRP fun!

Full details are at <http://www.rac.ca/CANWIN.htm> . Note that for the RAC contests, QRP is 5 watts max, cw or ssb.

Warmest wishes to all the QRP community for a safe and joyous holiday season!

Vy 73/72, JC

Q | VE3JC John Cumming
/\ | London, ON CANADA
@' /<----- jbcumming@wwdc.com
(*) \(*) hf qrp cw bicycle mobile
http://www.geocities.com/ve3jc/

Date: Thu, 27 Dec 2001 20:23:23 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116175] Re: DXCC Country List Needed (in ASCII)
Message-ID: <20011228042323.GA2223@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I have an ascii version which you can download anonymously from
n7xy.dnsalias.com

72, Bob

--
Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S
nielsen@oz.net
http://www.oz.net/~nielsen

Date: Thu, 27 Dec 2001 20:41:04 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116176] Re: DXCC Country List Needed (in ASCII)
Message-ID: <20011228044104.GA2876@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

That should be "download by anonymous ftp from ...". It is also on the
arrl web site (I just checked and the 8/30/00 version is the latest).

Bob

On Thu, Dec 27, 2001 at 08:23:23PM -0800, Bob Nielsen wrote:
> I have an ascii version which you can download anonymously from
> n7xy.dnsalias.com
>

> 72, Bob
>
> --
> Bob Nielsen, N7XY nielsen@oz.net
> Bainbridge Island, WA http://www.oz.net/~nielsen
> IOTA NA-065, USI WA-028S

Date: Fri, 28 Dec 2001 00:15:23 -0500
From: "Carl Morris" <wn3dug@home.com>
To: <qrp-1@lehigh.edu>
Subject: [116177] RE: 5763 rig info
Message-ID: <001501c18f5e\$a79f0940\$98bd2718@chmbrg1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Steve, KD1JV,

Thanks for posting the schematic and info on the transmitter!

By the way, where does Pin 11 of the Nand gate U2d (4011) go?

Thanks.

72/73, Carl, WN3DUG
k2 S/N; 1320

Date: Thu, 27 Dec 2001 23:25:48 -0600
From: Pat Cain <pcain@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [116178] FOX: Fox Log K0PC, The Grinch Stole the Fox Hunt
Message-ID: <4.2.0.58.20011227232540.00953ee0@mail.mnd1.mn.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

The first 50 minutes were great, 71 Q's. Then the Grinch took off with the=
=20
hunt, only 31 Q's in the last 70 minutes. I started calling CQ before the=
first hour was out. It looks like the solar flare had an impact. I didn't=
=20

hear many in the Northeast until the very end of the hunt.

Thanks to all who participated. The final count looks like 106 Q's with 34=
=20
SPC's. The log is attached below.

73 & see you again in March,
Pat K=D8PC

TIME	CALL	RST	SPC	NAME	PWR
0200	KB7WW		559	OR ART	5W
0202	N0DSP		559	CO TOM	5W
0203	K3PH	559	PA	BOB	5W
0204	K5EOA		559	LA WAYNE	5W
0204	N1LN	559	TX	BRUCE	5W
0205	W5YR	559	TX	GEORGE	5W
0206	AF4PS		559	FL MAC	3W
0206	N9NE	559	WI	TODD	100MW
0207	VE4WI		559	MB CRAIG	5W
0208	KV4EE		559	SC CRAIG	5W
0208	N4ROA		559	VA DAN	5W
0209	VE6EX		559	AB DAN	5W
0210	VE5RC		559	SK BRUCE	5W
0211	WA8WV		559	WV DAVE	W5
0211	NQ7X	559	AZ	FLOYD	5W
0212	K5JHP		559	TX BILL	5W
0213	AG0T	599	ND	TODD	400MW
0213	N9AW	559	WI	JERRY	5W
0214	K8CV	559	MI	WALT	5W
0215	W9XU	559	WI	LON	5W
0215	WA9TZE		559	WI JIM	5W
0216	K3IU	559	RI	KEN	5W
0216	WE9K	579	WI	GLENN	5W
0217	N3BJ	559	VA	ALAN	5W
0217	K4GT	559	GA	JIM	5W
0218	K5PSH		559	TX JERRY	5W
0219	K4ADI		559	SC FRANK	5W
0219	N6WG	559	CA	BOB	5W
0220	KQ5U	559	TX	TERRY	5W
0221	WR50	559	TX	DAVE	5W
0221	WV9N	559	OH	RANDY	5W
0222	K9IS	559	WI	STEVE	5W
0222	AE4Y	559	GA	KENT	5W
0223	W8VJW		559	MI JOHN	5W
0224	AD6JV		559	CA BILL	5W
0225	AA7XA		559	OR FRANK	5W
0225	K7TQ	559	ID	RANDY	5W
0226	W0CH	559	MO	DAVE	5W

0226	NU8S	559	OH	DENNIS	5W	
0227	K9IUA		559	IA	KEVIN	5W
0227	K5OI	559	OK	TIM	5W	
0228	K9DC	559	IN	DAVE	5W	
0228	N1FN	559	CO	ET	5W	
0229	N0HRL		559	MN	KEN	5W
0229	K0EVZ		559	CO	DOC	5W
0230	NK9G	559	WI	RICK	5W	
0231	AB0CD		599	CO	DICK	5W
0231	K8KFJ		559	WV	GARY	5W
0232	KD5KXF		559	TX	MIKE	5W
0234	N3ZPQ		559	OH	FRANK	3W
0235	W0UFO		559	MN	MERT	5W
0236	VE6JAZ		559	AB	ROB	5W
0237	KK5LD		559	TX	DAN	5W
0238	N5IB	559	LA	JIM	5W	
0238	AJ4AY		579	AL	JAY	5W
0239	K5DI	559	NM	KARL	5W	
0240	KC0ATC		559	CO	CHRIS	3W
0240	W7ILW		559	AZ	WALT	5W
0241	N5WL	559	OK	BART	5W	
0241	K6VNX		559	CA	ARLEN	5W
0243	KB0LUR		599	CO	PAUL	5W
0243	N8IE	559	OH	DAN	5W	
0244	K5BGB		579	TX	ROD	5W
0245	AC5JH		559	OK	TOM	5W
0245	K4TJD		559	GA	TOM	5W
0246	K8DD	559	MI	HANK	5W	
0248	W4NJK		559	CA	CHARLIE	5W
0249	AA50	559	LA	VERN	5W	
0249	W9HL	559	IL	RANDY	5W	
0250	W5USJ		559	TX	CHUCK	5W
0250	K4FB	559	FL	PAUL	5W	
0253	WB6BWZ		599	GA	MATT	5W
0254	N0AR	599	MN	SCOTT	5W	
0255	KI0II		579	CO	RON	1W
0255	WB8RCR		559	MI	JOHN	5W
0256	KR5C	559	TX	GEORGE	5W	
0257	AF4LQ		559	KY	MIKE	5W
0257	W5TB	559	TX	DOC	5W	
0259	K7EL	559	OR	DAVE	5W	
0301	W8EL/QRP		599	MI	ERNIE	5W
0302	N0TK	559	CO	DAN	5W	
0303	N0RC	559	CO	ROD	5W	
0304	VE3FAL		599	ONT	FRED	2W
0307	W4EDE		569	FL	LEE	100W
0308	W0PWE/9		579	WI	JERRY	5W
0309	N1TP	559	FL	TOM	5W	

0310 NV4V 559 KY PETE 5W
 0314 KJ0C 559 MO JIM 5W
 0319 N0UR 559 MN JIM 5W
 0323 KL7IXI 549 WA MIKE 1W
 0326 K5DW 559 TX DON 5W
 0328 KG4LDY 559 VA JIM 5W
 0334 NK6A 559 CA DON 5W
 0335 KC0LIE 559 MN JIM 5W
 0345 K0FRP 579 CO AL 5W
 0346 WB8WTU 559 OH DENNIS 2W
 0348 W6ABC 599 CA JACK 5W
 0350 W2RBA 569 NY JOE 2W
 0352 KC1FB 559 CT JIM 5W
 0353 KB9YIG 559 IN TONY 5W
 0354 K9UT 559 IN JERRY 5W
 0354 N2WW 559 CO LARRY 5W
 0355 WA8BXN 559 OH MIKE 5W
 0357 NN5E 559 TX VERN 5W
 0400 K0PC 559 MN FOX 5W
 0400 KV2X 559 NY FOX 5W

Date: Fri, 28 Dec 2001 01:01:45 -0500
 From: n4djs@netscape.net (David Ritchie)
 To: qrp-l@lehigh.edu
 Subject: [116179] printed circuit board transfers...
 Message-ID: <4DBC4838.42EAECF9.0001323B@netscape.net>
 Content-Type: text/plain; charset=iso-8859-1

re the conversation on creating sheets for layout of homebrew PCB's -
 I found that the laser transparencies work surprisingly well for
 creating direct transfer prints on PCB material.

Print a reversed image to a transparency, then use a clothes iron set
 to the 'cotton' setting and a cotton diaper between the iron and the
 transparency to 'iron' the image to the board. (The diaper helps prevent
 melting of the transparency).

A dry mount press I suspect would be an even better tool for this....

I have been curious to try using workable fixative (used for preping
 art surfaces) as a coating surface, but have not gotten around to try
 this.

72, Dave N4DJS

--

Your favorite stores, helpful shopping tools and great gift ideas. Experience the convenience of buying online with Shop@Netscape! <http://shopnow.netscape.com/>

Get your own FREE, personal Netscape Mail account today at <http://webmail.netscape.com/>

Date: Fri, 28 Dec 2001 08:02:26 +0000
From: "Jim Larsen" <al7fs2001@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [116180] Re: de N0TU - QRP-L is bouncing
Message-ID: <F189VqRiCuP1F3iwlwl0000b68f@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

(this message also never made it to qrp-l...I sure hope the problem has a solution)

My emails are also bouncing at qrp-l. My ISP says it is Lehigh.edu. I have sent a note off to Jim E with the complete email from my ISP.

73, Jim
Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

David Gauding wrote:

>Posting this message for N0TU. Steve is unable to access QRP-L tonight.
> >BTW for some reason my mail to QRP-L is bouncing and I'm not able to post
>or unsubscribe or rescribe? Strange?
> >~ Steve/n0tu ~

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Fri, 28 Dec 2001 07:12:25 -0500

From: Bill Coleman <aa4lr@arrl.net>
To: <K5KW@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116181] Re: RG-58 Power Handling Limit
Message-ID: <20011228121337.WLDC24380.imf08bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/17/01 2:58 PM, K5KW@aol.com at K5KW@aol.com wrote:

>The consensus seems to be no more than 300 watts. Ed, N5EM, did a little
>surfing (why didn't I think of that?) and came up with references at:
>
>http://www.logicio.com/cgroen/cable_specs.htm

That's 300 watts AT 100 MHz.

At 30 MHz and below, RG-58 is more than capable of handling full legal
amatuer power ON MATCHED, RESISTIVE LOADS.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 27 Dec 2001 21:51:25 -0500
From: Ed Lawson (K1VP) <k1vp@grizzly.com>
To: jbcumming@wwdc.com
Cc: qrp-l@Lehigh.EDU
Subject: [116182] Re: QRP in RAC Canada Winter Contest Dec 29
Message-ID: <20011227215125.43b12d14.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Thu, 27 Dec 2001 23:05:16 -0500
VE3JC - John C <jbcumming@wwdc.com> wrote:

> - you can make some CW contacts without worrying about keeping up with
> the speed demons (most participants go at a very relaxed pace - many
> operate CW on the half-hour)
>

> - most important reason: It's a whole lot of QRP fun!
>

Canadian contests are indeed a great deal of fun and relaxed. It is not uncommon to actually have a decent QSO during the exchange. Maybe not rewarding to the "contesters", but very enjoyable contests IMHO.

Ed Lawson

Date: Fri, 28 Dec 2001 08:05:58 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <kc0bom@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116183] Re: sort of a dumb question but I have to know
Message-ID: <20011228131621.UQAS22073.imf24bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/14/01 12:38 PM, Rob Matherly at kc0bom@arrl.net wrote:

>Someone told me a while back about a balun you make by winding 10 turns of
>coax around a coffee can... anyone know what ratio this would be?

1:1.

But be sure to remove the coffee can before putting RF through it.

And 10 turns may be a bit much for 10m/15m use. Surely not enough for 160m.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
-- Wilbur Wright, 1901

Date: Fri, 28 Dec 2001 08:40:47 -0500
From: brickle <brickle@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [116184] N4HY, AB2KT QRV /3/QRP QTH DE 29 DEC 2001 0500Z
Message-ID: <3C2C765F.303A05EA@pobox.com>

MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Like it says. N4HY and AB2KT will be running QRP portable from Delaware on Saturday 29 December, on the air starting about 0500Z/Noon EST, for about 6 to 8 hours.

We will concentrate on 20 and 40, but will try to hit all the CW bands, and phone 20 - 10, at some point during the whole period.

73
Frank
AB2KT

Date: Fri, 28 Dec 2001 08:37:48 -0500
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, w9wis@charter.net
Subject: [116185] Re: [OT] University Clubs
Message-ID: <3C2C2F5C.815.48F0CC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

There is no amateur radio club of any sort at FSU (30000+ students) but it hasn't been for lack of trying. One of the EE profs (W9PBA) found the money to put up a tribander and purchase a 751 several years ago. He could not interest any of the undergrads. Computer engineering is the EE specialty of the decade...no one wants to do RF design. The tribander still stands but it is in a state of disrepair (the driven element fell off in a storm 2 yrs ago). The coax run to one of the labs is still functional. The prof then took the 751 to a temp building and set up a GAP vertical. Still no takers. Don't know what will happen now that the prof has retired. There are other licenced hams at the engineering school (including one former resident of MIR) but no one has shown an interest in taking over a club with negligible membership.

There are more active faculty/staff type hams at FSU than there are student hams. Maybe everybody has gone to the internet?

When I went to Buffalo in the 70's (also 30000 students) we had 50-60 active hams and a complete Collins S-line. Be interesting to see what is left of the station now.

Henry

On 27 Dec 2001, at 9:19, Michael Melland wrote:

> Exactly true Ken. I work at one of the University of Wisconsin campuses.

Date: Fri, 28 Dec 2001 09:02:54 -0500
From: brickle <brickle@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116186] Correction! Re: N4HY, AB2KT...0500Zxxxx 1700Z
Message-ID: <3C2C7B8E.8A549ABA@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

W2AGN writes to correct my morning arithmetic. Make that 1700Z. Mother told me never to post anything before the second cup of coffee.

The date is right, though :-)

73
Frank
AB2KT

Date: Fri, 28 Dec 2001 09:14:39 EST
From: K5BDZ@aol.com
To: hqrp@stevens.com, qrp-1@lehigh.edu, GQRP@yahooogroups.com
Subject: [116187] JunkBox Antenna Baluns vs Chokes
Message-ID: <10c.a71e348.295dd84f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm a "shade tree" antenna builder - Defined: I'm not an expert, but I just build from the junk box and install however it fits...plug it in and try it.

The coax "coffee can" balun (1:1) I think of as a simple (but very effective) choke...to keep RF off the coax shield...but (simply stated) it works the

same as a balun because it keeps RF from coming down the coax shield and "unbalancing" the antenna. Simple for coax feeds and probably more efficient than a ferrite or air wound balun, and it will work very well on dipoles, beams, verticals, and other antenna types.

Although I have a drawer full of new ferrite rods (short but can be glued together to work well when length is required) I am also building various antenna baluns on old AM radio ferrite rod antenna cores (after removing the antenna wire, natch.) Will soon compare those vs the new ferrite core baluns vs air core baluns wound on PVC of various diameters. Impedance ratios will vary with needs, from 1:1 to 2:1, 3:1, 4:1; 6:1 and 9:1. Will report findings.

Antennas fed will be wire antennas of all types from vertical to horizontal, but usually will be off-center fed with 300 ohm & 450 ohm feedline, zip cord, and coax. Will also have a couple of loop antennas.

These I will also compare with off-center fed antennas with no feed lines, but terminating the antenna wires directly into an L-network. To date, this specific antenna (70' at south end running north to 10 feet at north end) has produced 5x9 SSB 20 meter signals into VK land from Houston, TX. (no I didn't tell you how long it is because I don't know...I just threw wire up into a tall pine tree, ran it over to the window and cut it off. Same with the lower end of the antenna. Have no idea the length...only the wonderful performance.)

However, I WILL measure all test antennas and report all statistics, lengths, heights, directions, etc.

I'm also planning to do some "quick and easy" PVC housings for each of the baluns, with intent to share various articles with a couple of QRP mags if they're interested.

I AM OPEN TO ALL SUGGESTIONS and past experiences. The main goal is to encourage the simple and cost efficient building one's own antenna and all its parts, and to learn from personal experiences rather than books.

Bill K5BDZ

Date: Fri, 28 Dec 2001 09:35:18 EST
From: K5BDZ@aol.com
To: GQRP@yahooogroups.com, hqrp@stevens.com, qrp-1@lehigh.edu
Subject: [116188] VFO Caps etc
Message-ID: <140.7074076.295ddd26@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

A couple of days ago I read a QRP-L reply (Great reply...sorry I can't remember the call of the writer to give credit) concerning taping down the VFO oscillator coil to connect a variable tuning capacitor to get the desired bandwidth of the VFO from a capacitor with too much capacitance (hence too wide a tuning range).

This idea is GREAT and works so very well, it's a shame we don't see more designs utilizing this method. These are just a few good reasons:

1. If the builder does not have the exact required variable cap (and who does these days) this properly placed coil tap will allow any "over capacitance" cap to tune the desired narrower frequency range the builder desires.
2. LINEAR tuning across the frequency range (vs a series circuit with fixed cap and variable cap and non-linear tuning).
3. Less drift
4. Tap any turn until you find your desired bandwidth tuning
5. Easy "wind your own" toroids for VFO coil - mistake? wind a new coil in less than 3 minutes.

I've used this method for years and it works extremely well. In fact it's my favorite design to utilize my available variable caps with any given VFO circuit!

Thanks again to the QRP-L contributor who "quietly" noted this wonderful method so oft overlooked or forgotten.

Bill K5BDZ

Date: Fri, 28 Dec 2001 06:35:35 -0800 (PST)
From: Mark Prather <wb9hfk@yahoo.com>
To: qrp-l@Lehigh.edu
Subject: [116189] Tkit 1320 Thump???
Message-ID: <20011228143535.53020.qmail@web14608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've just completed a Tkit 1320. It works great, and I'm pleased. However, mine has this annoying 'thump' when I let up on the key. Has anyone else had this problem? And, if so, any pointers would be appreciated!

73,

Mark

=====

Mark A. Prather - WB9HFK
QRP ARCI # 9472 --- QRP-L # 1159
NORCAL --- ARRL
Champaign-Urbana Astronomical Society

Do You Yahoo!?
Send your FREE holiday greetings online!
<http://greetings.yahoo.com>

Date: Fri, 28 Dec 2001 07:37:58 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [116190] FS: Wilderness Sierra, KC-2, 5 band modules PRICE REDUCED
Message-ID: <001d01c18fad\$3fd19ae0\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

(Posted this FS a couple days ago. Price is now reduced from \$325 to \$275.)

Gang,

I've decided it's time to build something new (probably a K1 or K2). So, I'm putting my trusty Sierra up for sale to raise some cash. It's the Wilderness model, built by me about two years ago, with the KC2 front panel and KC2 keyer/frequency readout installed. It comes with band modules for 80, 40, 20, 15, and 10 meters. Power output ranges from about 4.0w on 80 to 0.8w on 10m.

My Sierra has two mods. The first is to reduce the tuning range from 150 kHz to about 75 kHz (starting at the bottom of each band). I did this by adding a silver mica cap in series with the main tuning capacitor. I did this because I never used the range above x.075 MHz and it makes it a bit easier to tune. The second mod is to convert the choke on the output (L10) to a 2:1 transformer and replace the PA transistor with a 2SC799. This mod was done during original construction in order to eke a bit more power out of the rig. I have the original 2N3553 PA transistor (never installed) and will include it in the package. Both mods are readily undone if desired.

The band modules are built as specified in the instructions. I have not modified the turns counts on the toroids or replaced caps in order to increase power output.

The rig is in excellent condition--no marks or blemishes on the case. The blue plastic covers on the 15 and 10m band modules are a little bit warped (I think they got too much sun during FD one year) but this does not hamper the use of the band modules in any way. This radio has been backpacking with me once or twice and has been used for FD on the top of Mt. Herman for the last two years (successfully, I might add). Instruction manuals are included.

This package would cost you about \$400 (plus shipping) if purchased as a kit from Wilderness. My asking price is \$275 and I'll include UPS shipping to the lower 48 states. Prefer payment by certified check, but other methods negotiable.

Tnx es 73 de Dave NK0E

Date: Fri, 28 Dec 2001 09:46:26 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [116191] QRPP Fall 2001 Up For Grabs
Message-ID: <20011228.094755.-222489.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Fall issue QRPP up for grabs . .

Free / I pay postage / DX too (ask Bill, CU2JL, re: Summer Issue).

I am thinking of a number between one and one thousand,
ciphered here for our safety:

X B Z Y T
K F F L C
T X P L S
T F C H C
Q T P Q C

Closest guess wins.

Yes, I will wait a week or so to allow digest users a fair chance.

P.S.

Bill, CU2JL and Dick, K2JQ are eligible to win.

72,
John
N3AAZ
FM 19 xa

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Fri, 28 Dec 2001 09:44:29 -0500
From: Thomas Jennings <jennings@eznet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116192] FOX: Fox Log for KV2X
Message-ID: <3C2C854D.EB73F1A1@eznet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hounds, Foxes, 'n Guys,

The hunt started out great with 59 Qs in the first hour. There were many strong sigs and all the hounds were well behaved!! After the first hour the sigs became very weak and it was hard to copy calls. Plus there was some digital qrm during the last 20 minutes. I tried moving up to 7045 and called cq a few times but no takers. When the qrm went away I went back to my original frequency and worked a few more hounds. All in all it was lots of fun and thanks to all the hounds who called and sorry to the ones I missed.

I had 88 Qs minus 2 dups, 27 states and 4 provinces. I was hoping for 120 Qs.
Oh well better luck next time.

73,

Tom kv2x

Time	Call	RPT	SPC	Name	Power	
200	K3IU	559	RI	KEN	5W	
201	K3PH	559	PA	BOB	5W	
203	WA8WV		559	WV	DAVE	5W
203	WA9TZE		559	WI	JIM	5W
203	N4ROA		559	VA	DAN	5W
204	N3BJ	559	VA	ALAN	5W	
206	K8CV	559	MI	WALT	4W	
206	W9XU	559	WI	LON	5W	
207	WE9K	559	WI	GLENN		5W
208	NK9G	559	WI	RICK	5W	
210	KD5KXF		559	TX	MIKE	5W
211	K9IS	559	WI	STEVE		5W
212	K4AD	449	SC	FRANK		5W
212	N8VJW		559	MI	JOHN	5W
213	N9NE	559	WI	JOE	5W	
214	K8KFJ		559	WV	GARY	5W
215	NU8S	559	OH	DENNIS		5W
216	K9UT	559	IN	JERRY		5W
217	AE4Y	559	GA	KENT	5W	
218	WV9N	559	OH	RANDY		5W
219	N9AW	559	WI	JERRY		5W
220	N1LN	559	TX	BRUCE		5W
221	N1FN	559	CO	ET	5W	
222	K4BYF		559	FL	JACK	5W
223	K9DC	559	IN	DAVE	5W	
224	K0EVZ		559	CO	DOC	5W
225	KV4EE		559	SC	CRAIG	5W
225	W5YR	559	TX	GEORGE		5W
227	W0UFO		559	MN	MERT	5W
228	N0DSP		559	CO	TOM	5W
229	W3WT	579	MD	JOHN	5W	
230	K4JPN		559	GA	STEVE	5W
231	N8VJW		559	MI	JOHN	5W Dup
232	K9IUA		559	IA	KEVIN	5W
233	KK5LD		559	TX	JIM	5W
235	VE4WI		559	MB	CRAIG	5W
236	AA50	559	LA	VERN	5W	
237	W0CH	559	MO	DAVE	5W	
238	N8IE	559	OH	DAN	5W	
240	K4TJD		559	GA	TOM	5W
241	AC5JH		559	OK	TOM	5W
242	K4GT	559	GA	JIM	5W	
242	KR5C	559	TX	GEORGE		5W
243	K8DHU		559	MI	HANK	1W
244	N0AR	559	MN	SCOTT		5W
246	W5XU	559	TX	AL	5W	
247	N3ZPQ		559	OH	FRANK	5W

248	K4FB	549	FL	PAUL	5W	
249	AF4PS	559	FL	MAC	4W	
250	KQ5U	559	TX	TERRY	5W	
251	WB8RCR	459	MI	JOHN	5W	
252	AF4LQ	559	KY	MIKE	5W	
253	KC1FB	559	CT	JIM	5W	
255	K5PSH	559	TX	JERRY	5W	
255	W5TB	559	TX	DOC	5W	
257	VE3FAL	559	ON	FRED	2W	
258	K5JHP	559	TX	BILL	5W	
258	N1TP	559	FL	TOM	5W	
259	W5USJ	559	TX	CHUCK	5W	
302	K5DI	339	NM	KARL	5W	
302	AB0CD	559	CO	DICK	5W	
304	K5EOA	559	LA	WAYNE	5W	
305	W0PWE/9	559	WI	JERRY	5W	
306	K7TQ	559	ID	RANDY	5W	
308	VE6JAZ	559	AB	ROB	5W	
309	KB0LUR	559	CO	PAUL	1W	
310	W9HL	559	IL	RANDY	5W	
311	KJ0C	559	MO	JIM	5W	
312	WD7Z	559	NM	DAVE	5W	
313	KI0II	559	CO	RON	5W	
315	K6VNX	559	CA	ARLEN	5W	
315	N0UR	579	MN	JIM	5W	
316	K8MIA	559	WV	JIM	5W	
320	KG4LDY	559	VA	JIM	5W	
321	NV4V	559	KY	PETE	5W	
323	K5DW	559	TX	DON	5W	
324	N0RC	559	CO	ROD	5W	
326	AA7XA	559	OR	FRAK	3W	
327	AG0T	559	ND	TODD	4W	Dup
328	N0TC	559	ND	BOB	5W	
333	KB7WW	559	OR	ART	5W	
335	VE5RC	559	SK	BRUCE	5W	
336	VE6EX	559	AB	DAN	5W	
337	N9WW	599	IL	JIM	4W	
342	AG0T	559	ND	TODD	4W	
343	K0FPR	579	CO	AL	5W	
355	KB9YIG	559	IN	TONY	5W	
357	N2WW	559	CO	LARRY	5W	
400	KV2X	FOX	NY	TOM	5W	

Date: Fri, 28 Dec 2001 06:51:14 -0800 (PST)
 From: Chuck Carpenter <W5USJ@go.com>
 To: qrp-1@Lehigh.EDU

Subject: [116193] [OT] Msgs Bounce -- QRP-L and QSL.Net
Message-ID: <4370899.1009551074890.JavaMail.W5USJ@gomailjtp04>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

>From my ISP providers email server, messages to QRP-L at Lehigh and to QSL.net have been bouncing here too.

They don't bounce from this go.com account. Haven't been able to get any response from the ISP provider.

Kind of a selective
Chuck, w5usj, Point, Rains Co TX EM22cv

GO.com Mail
Get Your Free, Private E-mail at <http://mail.go.com>

Date: Fri, 28 Dec 2001 09:01:50 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>
Subject: [116194] QRP in RAC Canada Winter Contest Dec 29 (fwd)
Message-ID: <Pine.LNX.4.33.0112280901280.31573-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

----- Forwarded message -----
Date: Thu, 27 Dec 2001 22:10:09 -0600
From: VE3JC - John C <jbcumming@wwdc.com>
To: Multiple recipients of list QRP-CANADA <qrp-canada@neale.gpfn.sk.ca>
Subject: QRP in RAC Canada Winter Contest Dec 29

Just a reminder that the the Radio Amateurs of Canada "Winter Contest" is Dec. 29, 0000 Z to 2359 Z. Since the QRP class was reinstated in the RAC contests four years ago, we have had a steady QRP showing, and we want to make sure it keeps growing. In last year's contest, three participants surpassed the previous QRP record, and QRP entries were received from eight countries.

Regardless of where you are, I hope you'll think about participating. Here are a few reasons for you to join in:

- in a single day you can possibly earn the "Canadian QRP Award" sponsored by VA3JFF (<http://www.systems95.com/users/jeffh/>)
- you can make some CW contacts without worrying about keeping up with the speed demons (most participants go at a very relaxed pace - many operate CW on the half-hour)
- you can check out that new cw or ssb rig you got for Christmas
- you can experiment with propagation on all bands from the Atlantic to the Pacific, over a 24 hour period
- you can brush up on your Canadian geography
- most important reason: It's a whole lot of QRP fun!

Full details are at <http://www.rac.ca/CANWIN.htm> . Note that for the RAC contests, QRP is 5 watts max, cw or ssb.

Warmest wishes to all the QRP community for a safe and joyous holiday season!

Vy 73/72, JC

		VE3JC John Cumming
Q		London, ON CANADA
/\		jbcumming@wwdc.com
@` /<-----		hf qrp cw bicycle mobile
(*) \(*)		http://www.geocities.com/ve3jc/

Date: Fri, 28 Dec 2001 10:00:04 -0500
 From: "TheRubins" <hruvin1970@home.com>
 To: <qrp-l@lehigh.edu>
 Subject: [116195] needed: 73 magazine reprint
 Message-ID: <NFBBIJLJMLJIHFGJNANDCELKCEAA.hruvin1970@home.com>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Listers,

Would anyone be able to locate the article, "NiCd Health Maintenance System", 73 Magazine, June 97?

I need it in a hurry, so surface mail delivery delay won't do. To avoid a flurry of responses, please reply directly to this message if you would be willing to eMail a scanned image or fax to the Pennsylvania 215 area code. I will choose the least cost route and advise accordingly.

Thanks very much and best wishes for a healthy and happy new year.

Regards,
Howard Rubin, N3FEL

Date: Fri, 28 Dec 2001 10:20:59 EST
From: K5BDZ@aol.com
To: mck20@yahoo.com, qrp-1@lehigh.edu, GQRP@yahoogroups.com,
hqrp@stevens.com
Subject: [116196] Re: Antenna question from WB4WHH
Message-ID: <37.20547c3b.295de7db@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Claude

Thanks for the note. Well a "1:1 Coffee Can Balun" that I'm familiar with is simple. Just take the feedline coax antenna end, start about 6" from the end (or if your antenna requires more, take what you need) and start coiling the coax around a coffee can (or 4" to 6" diameter coil) for about 6 or 8 turns - for 20 thru 10 meters, and more for 80 / 40 / 30 meters - -then remove the can. Then wrap the coil in two or three areas with tape to hold loop together, and the remaining unwrapped coax is your feedline into the rig. You can tape or tiwrap the coil to the boom, mast, etc or let hang free. Don't cut coax after the coil or otherwise disturb the remaining coax - just bring it into your shack and connect.

The 4:1 "coffee can" balun is a little more involved and requires two pieces of coax and soldering etc. Won't go into it here as it's best described with pictures for simplicity sake. But will cover it in my later notes too...and the pix will be submitted to a QRP mag for reprinting.

Thanks
Bill K5BDZ

Date: Fri, 28 Dec 2001 10:21:09 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: henryf@quartz.gly.fsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [116197] Re: [OT] University Clubs
Message-ID: <3C2C8DE5.1097BE90@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Henry,

I'd bet it is the same everywhere. Digital types have taken over the EE world, and analog communications techniques don't hold any thrill for them. If they can't do it with cell phones or other short range communications techniques, they do it with hard wiring.

UCLA used to have a very large ham club back around the 1980's, I wonder what happened to it! Maybe what is needed is to show some of these digital types what can be done with a radio! Even those instructors who are hams could operate the club station once in a while and maybe get it written up in the school paper!

73

Date: Fri, 28 Dec 2001 08:33:07 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<ncarc@qth.net>
Subject: [116198] More Xmas Greak RadioActivity, HB!
Message-ID: <000b01c18fb4\$f34cdab0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I need another Noise Generator. So I implemented the N0SS device Manhattan Style. Details here:
http://www.qsl.net/n0rc/noise_gen/noise_gen.html

Happy Holidays
73, Rod N0RC
Ft Collins, CO

Date: Fri, 28 Dec 2001 09:38:46 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [116199] RAC Winter contest
Message-ID: <Pine.LNX.4.33.0112280916350.32562-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As John, VE3JC, has reminded us, the RAC Winter contest is almost upon us...for a really fun & relaxing time, show up on Dec.29 beginning at 0000Z and go until 2359Z or whatever time you can manage...I'm usually in my "in&out" mode, getting on between family "things"...seeing we still have our compnay from Ontario here, this run will be no exception..

...if you decide to use the free software called Canaday, written for this contest and available for download from the RAC Web site under the QRP-Canada web pages, you'll find it really enhances your fun...a manual is also available for a free download and, if memory serves, is about 10 pages...page 3 gives instructions on how to make the program ready for the contest including ALT-T in order to set your clock to Greenwich Mean Time..

...the following page tells you how to run the program during the contest...

...Nunavut, VY0, which is Canada's newest Territory, has been added...

...sometimes I accidentally add a contact without confirmation and it has to be deleted...One just uses ALT-K to delete the contact and adjust the scoring...BUT (and this is what I sometimes forget to do) BEFORE ONE CHANGES BANDS, OR SHUTS DOWN, YOU MUST MAKE ONE MORE CONTACT BEFORE THE ORIGINAL DELETED CALL IS ACTUALLY DELETED....why?...I don't know but one of these days we'll look into the source code and see if this can be changed.

...one of the features, which I have not experienced myself, is running the software for Multiple Stations/Multiple Ops...I know it has been run this way by other ops and no real problems reported...BUT before the SUMMER running of the RAC contest, I would like to see if I can do a "dummy" run on the 2 computers I have here just to see how things go, including creating the two files for e-mailing the results in to the contest manager...

...so if you have any questions about the software, send me an e-mail and

I'll try my best to answer them right away...hope you all had a Merry Christmas...Bonnie & I send our best wishes for many good New Years to come to all of you!....peace, health & prosperity...hope to work you in the contest...I will be using my VE5QRP call...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Fri, 28 Dec 2001 10:43:11 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [116200] Re: More Xmas Greak RadioActivity, HB!
Message-ID: <5.1.0.14.1.20011228104018.00a74750@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:33 AM 12/28/2001 -0700, you wrote:
>I need another Noise Generator. So I implemented the NOSS device
>Manhattan Style. Details here:
>http://www.qsl.net/n0rc/noise_gen/noise_gen.html

Rod,

VERY nice work! Those little Adel slugs work nicely for Manhattan construction if you can see them.

I have a Radio Shack nibbler that makes similar pads, although sometimes it leaves glass fiber threads with copper on them sticking out. Once the pad is attached, a little scrape along the edge with a hobby knife clears it up.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Fri, 28 Dec 2001 10:48:25 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <henryf@quartz.gly.fsu.edu>,

""Low Power Amateur Radio Discussion"" <qrp-1@Lehigh.EDU>
Subject: [116201] Year-end rambling: EEs and ham radio clubs
Message-ID: <000201c18fb7\$1678fee0\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Henry, your observations are sad, but true. It's a shame that most---not all---budding EEs don't realize that today RF can be the most lucrative area of engineering for a newbie EE.

There just aren't enough folks out there who understand the nuances of RF, analog design, and the use of CAE RF tools, the Smith chart, use of materials, etc.

The so-called wireless revolution in industry has created an environment that's fairly screaming for engineers who understand RF design principles, ranging from antenna design to RFICs. Unfortunately for many wireless-oriented US businesses, Boolean bitheads still rule the roost.

I see a lot of top-flight RF design, especially at the chip level, being done offshore in places such as Argentina, Japan, and Finland, or by radio engineers and technicians visiting the US. I've even discovered a few callsigns sprinkled onto the corners of chip substrates and printed circuit boards!

I pointed this out to the local FCC rep at the Boxboro hamfair, but its significance went in one of his ears and out the other. Lamentably, he insisted that US hams don't---and can't---contribute anything to American industry anymore. He argued that RF research and development requires a team approach, and individual hams aren't significant.

As for ham clubs, gosh, we had W2ZOT alive and well at Sewanhaka High School on Long Island (NY) in the late 1950s. That was when the school awarded a New York State HS Regents diploma in Technical Electricity (you also got a standard HS diploma) if you passed the rigorous 9-period/day curriculum that included algebra, geometry, trigonometry, mechanical drawing, chemistry, physics, dc theory, ac theory, and electronics, as well as all the other standard HS subjects. Why W2ZOT? Well, the Tech Elec department chair was named Mr. Zott! (Just a coincidence). Today it seems that many kids can hardly sign their own name, much less compose a technical document, by the time they're juniors in HS.

BTW: ol' Mr. Zott was a West Point grad ex-Army officer, and ruled with an iron fist. Woe unto you if you showed any disrespect or lack of courtesy in class. Those were the days when a HS teacher could grab you by the collar

and throw you against the wall if some immediate discipline had to be applied.

As a result of this attitude and environment, and the W2ZOT station, we had many active hams in HS, and some went on to become good engineers and thoughtful citizens. Others, like me, were more interested in calling CQ than studying, but that paid off later too when I needed a job and could get employment because I had practical knowledge garnered from building my own ham gear from old TV parts (VFO, exciter, 813 amplifier, RTTY terminal unit, etc).

As the years rolled by since 1962 when I graduated high school, I watched a lot of ham radio clubs at the high school and university, and even military, levels whither. One by one these clubs seemed to die, with their Yagis and dipoles no longer visible when I drove by the various sites. What a shame.

Thankfully, the QRP community (and some other ham communities such as the satellite and APRS groups) is doing a yeoman's job in keeping many of the traditions and valuable aspects of Amateur Radio alive, such as experimentation, software development, and homebrewing.

Thanks for reading my rambling. Happy New Year OB. -- Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Henry Freedenberg
Sent: Friday, December 28, 2001 8:38 AM
To: Low Power Amateur Radio Discussion
Subject: Re: [OT] University Clubs

There is no amateur radio club of any sort at FSU (30000+ students) but it hasn't been for lack of trying. One of the EE profs (W9PBA) found the money to put up a tribander and purchase a 751 several years ago. He could not interest any of the undergrads. Computer engineering is the EE specialty of the decade...no one wants to do RF design. The tribander still stands but it is in a state of disrepair (the driven element fell off in a storm 2 yrs ago). The coax run to one of the labs is still functional. The prof then took the 751 to a temp building and set up a GAP vertical. Still no takers. Don't know what will happen now that the prof has retired. There are other licenced hams at the engineering school (including one former resident of MIR) but no one has shown an interest in taking over a club with negligible membership.

There are more active faculty/staff type hams at FSU than there are student hams. Maybe everybody has gone to the internet?

When I went to Buffalo in the 70's (also 30000 students) we had 50-60 active hams and a complete Collins S-line. Be interesting to see what is left of the station now.

Henry

On 27 Dec 2001, at 9:19, Michael Melland wrote:

> Exactly true Ken. I work at one of the University of Wisconsin campuses.

Date: Fri, 28 Dec 2001 09:52:40 -0600
From: Jim <sunwatt@starband.net>
To: QRP-L <qrp-L@Lehigh.edu>, QRPP-L <QRPP-I@yahoogroups.com>
Subject: [116202] mW contest (40-9er)
Message-ID: <3C2C9548.421B1430@starband.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sofar the bands have not been kind. The 1st day I only heard a few signals on 20M. Yesterday was worse. But I checked 40M last night and signals were strong here in Arkansas.

So this evening when we start at 22:00z, I'll try 20M, and as soon as 40M opens I will put my 40-9er on the air! The contest runs until 02:00 UTC Saturday so I stand a chance of doing some good this time.

It only operates on 7.040 - 042 +/- so look for me there running milliwatts.

Hope to hear some other mW, novelty, & HB rigs on the air!

Jim KJ5TF

Date: Fri, 28 Dec 2001 08:54:40 -0700
From: "Rod N0RC" <rod@n0rc.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <ncarc@qth.net>, "cqc-1" <CQCLIST@yahoogroups.com>
Subject: [116203] More Xmas Break RadioActivity, HB! REPOST
Message-ID: <002f01c18fb7\$f5f84440\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Let's try this again! Break not Greak!! (and I did have 2 or more cups of coffee)

Folks,

I needed another Noise Generator. So I implemented the NOSS device Manhattan Style. Details here:
http://www.qsl.net/n0rc/noise_gen/noise_gen.html

Happy Holidays
73, Rod N0RC
Ft Collins, CO

Date: Thu, 27 Dec 2001 22:12:58 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-1@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [116204] FOX: Spot
Message-ID: <005201c18f4d\$8dbe5780\$558d4d0c@tom>

K0PC on 7.035.60 listening UP about 0.4

Tom, N1TP

Date: Fri, 28 Dec 2001 11:04:30 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [116205] RAC Winter test !!!
Message-ID: <001301c18fb9\$555c0420\$0e714342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello !!!

I'll be on from NNY and looking for prefixes !!!

I need just 5 more for the 50 I need for the shield !!!

Running the Ten Tec Argo 509 with the dipole and the vertical on 40 thru 10 meters.

Hope to hear some new ones !!!!!

73s

George , N2JNZ / QRP

Date: Fri, 28 Dec 2001 09:18:46 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116206] WTT Rigblaster for unbuilt???
Message-ID: <006d01c18fbb\$53f2c540\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I have a rigblaster up for trade, standard M8 model, works FB, just don't use it much. (The rig blaster included a CD with software, I don't have the original, but I due have a copy--backups are a good thing!)

Things I'm interested in:

Unbuilt kits: Wilderness NC40, Elecraft KFL1-4, SW+ 20, 40, SST 20 or 40, Red Hot or NorCal 20.

Happy Holidays
73, Rod N0RC
Ft Collins, CO

Date: Fri, 28 Dec 2001 16:25:04
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Cc: K5BDZ@aol.com
Subject: [116207] Re: VFO Caps etc
Message-ID: <F1759rbpkWe8dB4r7I600011966@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

K5BDZ@aol.com writes:

>A couple of days ago I read a QRP-L reply (Great reply...sorry I can't
>remember the call of the writer to give credit) concerning taping down the
>VFO oscillator coil to connect a variable tuning capacitor to get the
>desired bandwidth of the VFO from a capacitor with too much capacitance
>(hence too wide a tuning range).

>This idea is GREAT and works so very well, it's a shame we don't see more
>designs utilizing this method. These are just a few good reasons:

>1. If the builder does not have the exact required variable cap (and who
>does these days) this properly placed coil tap will allow any "over
>capacitance" cap to tune the desired narrower frequency range the builder
>desires.

>2. LINEAR tuning across the frequency range (vs a series circuit with
>fixed cap and variable cap and non-linear tuning).

>3. Less drift

>4. Tap any turn until you find your desired bandwidth tuning

>5. Easy "wind your own" toroids for VFO coil - mistake? wind a new coil
>in less than 3 minutes.

>I've used this method for years and it works extremely well. In fact it's
>my favorite design to utilize my available variable caps with any given VFO
>circuit!

>Thanks again to the QRP-L contributor who "quietly" noted this wonderful
>method so oft overlooked or forgotten.

>Bill K5BDZ

I'm not sure whether I was the one that caught your attention (I started
this thread under the heading of [SPICE]). This technique has intrigued
me ever since I learn of it. However, it is hard to find any reliable
design equations and the usual ham publications tend to give this method
short shrift.

My first attempt to design anything with tapped coil bandspreading was
the second regenerative receiver shown on the following page:

<http://www.geocities.com/alibhernlem/Radio/regens.html>

Essentially, I got the receiver on band by tweeking BUT, as you can see in the accompanying plots (links on page), I was able to get the thing smack on band (40 meters) AND got close to linear tuning across the band AND got close to constant critical regeneration across the entire band.

That latter characteristic is very advantageous in a regen because usually one has to fiddle with the regen control as the frequency is changed.

As Dan points out, this is not a technique that is limited to hollow state designs, however (of course). I am glad that he spoke up because he is the first person (well other than author of the 1940 article in The Wireless Engineer) that I have found that "designs" these circuits according to the turns ratio squared factor. Most of the SPICE type folks have suggested what I first tried ... considering the coil fractions as independent inductors and then adding in some coupling coefficient to "fit".

Nonetheless, I am still skeptical of any of these design techniques. As soon as I find the time I intend to conduct some experiments to collect some data on a tapped coil and compare the results with the various predictive models/equations.

All I can say at this point is that, yes, I like this method of bandspreading but anyone who decides to try it should be prepared to do some iterative tweeking.

Brad KG6IOE

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Fri, 28 Dec 2001 10:35:27 -0600
From: "George, W5YR" <w5yr@att.net>
To: alihernlem@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [116208] Re: VFO Caps etc
Message-ID: <3C2C9F4F.B7E0E059@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another interesting "bandspreading" technique from times past used a cap in series with a coil and then another cap in parallel with that series

combination. Lots of interesting things can be done with three variables to play with. This should be a cinch to model in Spice or the ARRL design program or even Electronics Workbench.

This configuration will be recognized by some as the basic "multi-band tuner" design from back in the 50's that was used on several commercial rigs.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262 COG 8
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All incoming and outgoing email virus-checked by Norton Anti-Virus 2002

Brad Hernlem wrote:

>
> K5BDZ@aol.com writes:
>
> >A couple of days ago I read a QRP-L reply (Great reply...sorry I can't
> >remember the call of the writer to give credit) concerning taping down the
> >VFO oscillator coil to connect a variable tuning capacitor to get the
> >desired bandwidth of the VFO from a capacitor with too much capacitance
> >(hence too wide a tuning range).

Date: Fri, 28 Dec 2001 16:48:20
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Cc: WD8CIV@worldnet.att.net, leon_heller@hotmail.com
Subject: [116209] Re: Fwd: Re: Printed circuit board stuff & interesting DX
Message-ID: <F124EAusQU7bvA0opFa00011bc6@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Dave and friends,

Thought I'd let you know how my experiments are proceeding. I mixed up a syrupy solution of an "edible gum" that I purchased from an Indian grocery (not sure what this is but think that it is Gum Arabic). Also prepared a gel of Gum Tragacanth (a gelatinous gum from Iran and surrounding regions). These materials were smeared on sheets of printer paper as per David's technique (in place of mucilage) and let dry. I prepared three sheets with the edible gum solution in various thicknesses. I prepared only one sheet with the Tragacanth because it

seemed lumpy and would not smooth nicely.

However, when dry, the edible gum sheets were all shiny and curled. The Tragacanth sheet looked no different than the original paper. Next I ironed the pages to make them flat and to see if the heat would make the coatings sticky (and likely to gum up my printer). The edible gum coated sheets became "bubbly and rough" except for the thinnest coating example. The Tragacanth sheet exhibited no stickiness.

Next I printed a circuit pattern on the one good sheet of edible gum paper and on the Tragacanth sheet. Both printed well. Next I prepared a piece of PC board and attempted the transfer. I only did this with the edible gum paper at this point. I was amazed how easily the paper came off in water. It just slipped off on its own after a few minutes (just like postage stamps). However, in this one case, the traces did not stick well to the board. I think that I did not use sufficient heat so I am still enthusiastic about this. Since I have had good luck with glossy paper I intend to try coating some of that with the gum ... best of both worlds?

>From the appearance I doubt that the Tragacanth will perform well. It certainly is harder to find than mucilage or this edible gum AND more expensive so why bother. I don't have any mucilage to try but I would imagine that this edible gum is competitively priced. I paid only a couple bucks for about 100g. Two to three parts water will give enough material to fill a soda can and probably coat scores of sheets of paper (I think that one teaspoon per sheet is about right).

Brad KG6IOE

-----David
Hinerman (WD8CIV@worldnet.att.net) writes:

>At 04:46 PM 12/26/2001 +0000, you wrote:
>>>From: "Leon Heller" <leon_heller@hotmail.com>
>>>>Leon and David,
>>>>
>>>>You guys have got me thinking. I wonder how gum Arabic or gum Tragacanth
>>>>would work as a coating. Should be similar to postage stamp adhesive
>>>>(which lets go NICELY after a good soak).
>>>>
>>>>Should be OK. The key thing seems to be the polysaccharides. Dextrin
>>>>should be more consistent, though, and cheaper.
>>>>
>>>>I started some of each material soaking last night and intend to coat
>>>>several test sheets, perhaps even using already glossy paper as well as
>>>>the ordinary printer paper. The "edible gum" that I got from the Indian
>>>>fellow makes a very syrupy mixture ... not very "gummy". The Tragacanth
>>>>("Katira" in Persian), on the other hand, is very gelatinous and a little

>>bit gums up a lot of water.

Folks,

For what it's worth, I've finally posted the article I promised about 2 years ago on how to make cheap toner-transfer PC board paper:

<http://wd8civ.home.att.net/pcbcheap.html>

Feel free to ask questions here or by direct e-mail.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Fri, 28 Dec 2001 09:54:08 -0700
From: "Jim FitzSimons" <cherry@getnet.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116210] Re: Phone spectrum land grab, as expected
Message-ID: <001301c18fc0\$45291e60\$eb22893f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I do not operate SSB except on 6M. I do use the SSB for a check on the band. Even if the beacons can not be heard, sometimes there is a SSB signal. I then call CQ using Morse or PSK31. On ten even the bootleg stations can show the band is open even when there a no amateurs on SBB. Sometimes when the band like 12M is just barely open, it is nothing but DX chasing and nobody will answer my CQ since I am not DX.
Jim W7ANF

----- Original Message -----
From: "Bill Coleman" <aa4lr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 27, 2001 10:22 AM

Subject: Re: Phone spectrum land grab, as expected

> On 12/27/01 10:44 AM, KB=D8VCC at kb0vcc@yahoo.com wrote:
> You haven't spent much time on the bands then. At least, not on phone....
> If I typically tune around on 10m, 12m, 15m and 17m on a weekday evening,
> I'll hear several phone signals, but rarely, if any CW signals, other
> than automated beacons.
> In my experience, above 20m, it's more like 5/95, unless you count the
> automated CW beacons.
> CW gets the occasional workout on VHF/UHF, too. But it is rare.
> I called CQ on 1876 +/- in the recent ARRL 160m contest. Managed to
> maintain a rate of about 30+ Qs/hour for two hours. Not bad for my lousy
> 80m dipole as a 160m antenna.
> 20m and 75m are just plain crowded. It's much easier to call CQ on CW
> than try to do it on SSB. That's why the phone bands need expansion.
> Listen to 75m some weekday evening, then listen to the 80m portion.
> You'll be able to hear a couple of dozen SSB signals, but precious few CW
> signals, and more RTTY than CW. That's again an argument for phone
> expansion.

Date: Fri, 28 Dec 2001 12:44:14 -0600
From: "Ed Rowan, AC5DC" <ac5dc@ipa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116211] Re: More Xmas Greak RadioActivity, HB!
Message-ID: <E16K1zN-0006uo-00@barry.mail.mindspring.net>

If anyone would like a circuit board for this circuit, I have one from
N0SS that I never built. Couldn't find it when I needed the noise
generator so I built mine manhattan style as well. It wasn't as
good looking as Rod's but it still worked.

Would like the \$2.00 that I paid for it and I will mail it to the first
one that responds. The circuit for this was on the elecrafft website,
http://www.elecrafft.com/Apps/new_fil_docs/noise_source.zip

73,

Ed, AC5DC

At 08:33 AM 12/28/2001 -0700, you wrote:
>I need another Noise Generator. So I implemented the N0SS device
>Manhattan Style. Details here:
>http://www.qsl.net/n0rc/noise_gen/noise_gen.html

Rod,

VERY nice work! Those little Adel slugs work nicely for Manhattan construction if you can see them.

I have a Radio Shack nibbler that makes similar pads, although sometimes it leaves glass fiber threads with copper on them sticking out. Once the pad is attached, a little scrape along the edge with a hobby knife clears it up.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Fri, 28 Dec 2001 10:44:56 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [116212] Re: G5RV Comments
Message-ID: <20011228184456.27322.qmail@web10003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- ARDUJENSKI@aol.com wrote:

> I have been doing some research on the G5RV for
> personal reasons and have
> found that first, the standard G5RV is not normally
> good on 15 meters and
> secondly the G5RV is extremely sensitive to
> elevation, proximity to objects
> and change in feed velocity factor.

To say the least! At 2000 year's Field Day were going nuts trying to figure out why our G5RV's SWR was swinging up and down about 1.7 . It was really windy there and the trees that were supporting it were moving around quite a bit. I thought it was the ladder line that was interacting with the ground so I tied it tight so it didn't hardly move. No change. We ended up going with dipoles that we made on the spot.

I ended up modeling the G5RV on EZNEC and found that moving the antenna up and down by ten feet caused the reactance to change and hence the SWR. by 1.7! Which was essentially what was happening to the antenna in the wind where we were.

The 80 meter dipole that we put up in the same trees and with them moving just as much only had the SWR change by a very small amount.. No surprise there as there wasn't any reactance to speak of at the frequencies that we were using.

If I was going to use the G5RV in the future in windy conditions I would use it in a inverted vee configuration That way the legs wouldn't be bouncing up and down and changing the reactance on them.

73 and a Happy New Year to all!

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Do You Yahoo!?

Send your FREE holiday greetings online!

<http://greetings.yahoo.com>

Date: Fri, 28 Dec 2001 14:21:21 -0500

From: David Hinerman <WD8CIV@worldnet.att.net>

To: qrp-l@lehigh.edu

Subject: [116213] Re: Fwd: Re: Printed circuit board stuff & interesting DX

Message-ID: <5.1.0.14.1.20011228141336.00a704e0@ipostoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:48 PM 12/28/2001 +0000, you wrote:

>Next I printed a circuit pattern on the one good sheet of edible gum paper

>and on the Tragacanth sheet. Both printed well. Next I prepared a piece of

>PC board and attempted the transfer. I only did this with the edible gum
>paper at this point. I was amazed how easily the paper came off in water.
>It just slipped off on its own after a few minutes (just like postage
>stamps). However, in this one case, the traces did not stick well to the
>board. I think that I did not use sufficient heat so I am still
>enthusiastic about this. Since I have had good luck with glossy paper I
>intend to try coating some of that with the gum ... best of both worlds?

Brad,

Well done! Thanks for reporting on your results.

I've had trouble getting toner patterns to stick to copper if the board is very large or thick - it takes a lot of heat to bring the copper up to a temperature sufficient to get the toner to fuse to it. Most boards I've made recently were on 1/32 in. single-sided fiberglass stock, and the boards are about 2 x 3 inches. If your board is (a) thicker, (b)larger, or (c) has more copper, it'll probably take longer to press.

In the "old days" when I used the Meadowlake plastic film and 1/16 in. board, I ended up laying the film face-up on the table and laying the board copper-side down on top of it. Then I'd lay the iron flat on top of the stack and let it heat for 5 minutes or more. That way the board got hot before the film did, and the toner was more likely to transfer.

I'll have to go check with the Asian grocery across the street, to see if they have any edible gum. I need some more shrimp chips anyway.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Fri, 28 Dec 2001 20:05:36 +0000
From: euramcom pages <mel@euramcom.freemove.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [116214] HW9 parts
Message-ID: <T581b7798f6ac1785ed279@pcow035o.blueyonder.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The RF output on the HW9 is handled by a pair of MRF 237=

transistors,
Q405 and Q406 feeding the LPF switching.

OP is reckoned to be around 4w with 3w on 10 mtrs. The original=
Heath
parts are 417-912.

"can be replaced by" is haeth's words, not mine!

Mel
GM6JAG
Edinburgh, Scotland
Home of the last HW9

Date: Fri, 28 Dec 2001 15:06:40 -0500
From: "Tom Pennebaker" <n4rs@netpath-rc.net>
To: <aa4lr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [116215] Re: sort of a dumb question but I have to know
Message-ID: <006c01c18fdb\$2ae2c900\$2a2a1bce@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some where along the way I remember reading a discussion about PVC versus
ABS for a coil form when using coax as a balun. One was better than the
other, I believe ABS is the better one. Not as lossey at higher frequencies.
Someone correct me if I'm wrong...Tom N4RS

----- Original Message -----
From: "Bill Coleman" <aa4lr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Sent: Friday, December 28, 2001 8:05 AM
Subject: Re: sort of a dumb question but I have to know

> On 12/14/01 12:38 PM, Rob Matherly at kc0bom@arrl.net wrote:
>
> >Someone told me a while back about a balun you make by winding 10 turns
> of
> >coax around a coffee can... anyone know what ratio this would be?
>
> 1:1.
>
> But be sure to remove the coffee can before putting RF through it.

>
> And 10 turns may be a bit much for 10m/15m use. Surely not enough for
> 160m.
>
>
>
> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
> Quote: "Not within a thousand years will man ever fly!"
> -- Wilbur Wright, 1901
>
>

Date: Wed, 26 Dec 2001 17:51:28 -0900
From: Jim Larsen - AL7FS <AL7FS@ARRL.NET>
To: QRP-L@lehigh.edu
Subject: [116216] mW contest - AL7FS
Message-ID: <3C2A8CB0.D68A9B61@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The bands never opened at all for QRPP levels in the first two hours and I had to leave at that point. I did not hear a single QRPP signal on 20, 15 or 10.

My intentions are to be there all four hours on both remaining days...but that is assuming I am hearing QRPP signals.

Polar absorption is wonderful...NOT.

Maybe tomorrow.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Fri, 28 Dec 2001 15:30:33 -0500
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, ai2q@adelphia.net
Subject: [116217] Re: Year-end rambling: EEs and ham radio clubs
Message-ID: <3C2C9019.14245.498C2B@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Yeah...I graduated from Bayside in '69. We had 5 or 6 licensed hams out of 5000 students. Don't remember a technical electronics course so it must have been discontinued by then. Those Regents exams were something else. One exam in every subject at the end of each year designed for an 85% pass rate. If you failed the test, you repeated the class. Guess it built character. Thank God my kids don't have to deal with it in FL.

Henry

On 28 Dec 2001, at 10:48, AI2Q Alex wrote:

>
> Henry, your observations are sad, but true.

Date: Fri, 28 Dec 2001 15:33:30 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <n4rs@netpath-rc.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116218] Re: sort of a dumb question but I have to know
Message-ID: <063d01c18fde\$e9e38bc0\$99a4fea9@robertpa>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Use only the white stuff (ABS)! The grey and black have carbon in them and will heat-up and become soft when RF goes through them.

Regards,
Robert
VE3RPF

.
----- Original Message -----

From: Tom Pennebaker <n4rs@netpath-rc.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, December 28, 2001 3:06 PM
Subject: Re: sort of a dumb question but I have to know

> Some where along the way I remember reading a discussion about PVC versus
> ABS for a coil form when using coax as a balun. One was better than the
> other, I believe ABS is the better one. Not as lossey at higher
frequencies.
> Someone correct me if I'm wrong...Tom N4RS
> ----- Original Message -----
> From: "Bill Coleman" <aa4lr@arrl.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
> Sent: Friday, December 28, 2001 8:05 AM
> Subject: Re: sort of a dumb question but I have to know
>
>
> > On 12/14/01 12:38 PM, Rob Matherly at kc0bom@arrl.net wrote:
> >
> > >Someone told me a while back about a balun you make by winding 10 turns
> of
> > >coax around a coffee can... anyone know what ratio this would be?
> >
> > 1:1.
> >
> > But be sure to remove the coffee can before putting RF through it.
> >
> > And 10 turns may be a bit much for 10m/15m use. Surely not enough for
> > 160m.
> >
> >
> >
> > Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
> > Quote: "Not within a thousand years will man ever fly!"
> > -- Wilbur Wright, 1901
> >
> >
>

Date: Fri, 28 Dec 2001 14:00:19 -0700
From: Howard Myers <howardw7ilw@cableone.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [116219] D Region absorbtion
Message-ID: <B8522B73.8F12%howardw7ilw@cableone.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Look at the D region absorbtion at
http://www.sec.noaa.gov/rt_plots/dregion.html if uou haven't already. It,s
on the way down now at 2100Z

Howard - W7ILW - Prescott, AZ

Date: Fri, 28 Dec 2001 16:04:13 -0800
From: "w2wurjj" <w2wurjj@verizon.net>
To: <K2ZF@aol.com>, "H. W. Moore (W5HM)" <hwmoore@netdoor.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [116220] Fw: ARLB056 FCC Denial Leaves League Eyeing Congressional Action
on CC&Rs
Message-ID: <001201c18ffc\$6b75d720\$71c2fea9@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: w2wurjj <w2wurjj@verizon.net>
To: <K2ZF@aol.com>; <H. W. Moore (W5HM)qrp-l@Lehigh.edu>
Sent: Friday, December 28, 2001 15:59
Subject: Fw: ARLB056 FCC Denial Leaves League Eyeing Congressional Action on
CC&Rs

> FYI Review and note the weak excuse by FCC that we "may pursue our hobby
by
> operating away from home..." Is FCC on our side or has big money &
> lobbyists infiltrated it?
>
> (1) We must be proactive.
> (2 Write ... FLOOD your
> (a) Congressmen's DC & local office
> (b) State Senator / Representative with:
> (1) e-mail
> (2) snail mail
> (3) phone calls.
> (3) C.C. ARRL
> (a) SM
> (b) Other ARRL officials
> (4) Keep it short, or they won't listen or read your mail

> Do it even if you can or have antennas. You will help others who don't or
> can't!
> Remember: Congress declared us "a National Resource" United we succeed
> If you do nothing ... you vote for the opposition! 73, Ron, W2WU
> Please use the widest dissemination via any means
> ----- Original Message -----
> Sent: Friday, December 28, 2001 08:29
> Subject: ARLB056 FCC Denial Leaves League Eyeing Congressional Action on
> CC&Rs
>
>
> > SB QST @ ARL \$ARLB056
> > ARLB056 FCC Denial Leaves League Eyeing Congressional Action on CC&Rs
> >
> > ZCZC AG56
> > QST de W1AW
> > ARRL Bulletin 56 ARLB056
> > From ARRL Headquarters
> > Newington CT December 28, 2001
> > To all radio amateurs
> >
> > SB QST ARL ARLB056
> > ARLB056 FCC Denial Leaves League Eyeing Congressional Action on CC&Rs
> >
> > The FCC has affirmed a November 2000 staff-level decision that
> > declined to include privately imposed deed covenants, conditions and
> > restrictions--CC&Rs--under the limited federal preemption known as
> > PRB-1. That policy requires municipalities to ''reasonably
> > accommodate'' amateur communication in antenna-related zoning and
> > regulation.
> >
> > The ARRL last year appealed to have the full FCC review the earlier
> > denial. The Commission turned down the League's Application for
> > Review December 18 in a Memorandum Opinion and Order released
> > December 26.
> >
> > ''There has not been a sufficient showing that CC&Rs prevent Amateur
> > Radio operators from pursuing the basis and purpose of the Amateur
> > Service,'' the FCC said. The Commission said hams still can get on
> > the air without installing residential antenna systems by operating
> > away from home, while mobile or at club stations.
> >
> > The FCC said it recognizes the importance of preserving the
> > integrity of contractual relations that CC&Rs represent. But it
> > asserted that the ARRL had ''submitted no specific evidence that
> > would persuade us to abandon our long-standing policy of excluding
> > CC&Rs in private covenants from our ruling in PRB-1.''
> >

```
> > ARRL President Jim Haynie, W5JBP, expressed disappointment in the
> > Commission's ruling. ''The biggest problem Amateur Radio operators
> > face today is being able to put up an antenna,'' Haynie said. ''Our
> > only approach now is to get a bill into Congress.''
> >
> > The FCC itself even hinted that Congressional action ought to be a
> > next logical step. ''However, should Congress see fit to enact a
> > statutory directive mandating the expansion of our reasonable
> > accommodation policy,'' the FCC declared in its MO&O, ''the
> > Commission would expeditiously act to fulfill its obligation
> > thereunder.''
> >
> > In its Application for Review last year, the ARRL maintained that
> > the FCC should have the same interest in the effective performance
> > of an Amateur Radio station and in the promotion of amateur
> > communications regardless of whether the licensee's property is
> > publicly regulated or privately governed by homeowners' associations
> > and their architectural control committees.
> >
> > A copy of the FCC's Memorandum Opinion and Order in RM-8763 is
> > available on the FCC Web site,
> > http://hraunfoss.fcc.gov/edocs\_public/attachmatch/FCC-01-372A1.doc .
> > NNNN
> > /EX
>
>
```

Date: Fri, 28 Dec 2001 15:06:23 -0600
From: "Ed Rowan, AC5DC" <ac5dc@ipa.net>
To: qrp-l@lehigh.edu
Subject: [116221] FS: N0SS board sold
Message-ID: <E16K4Cv-0004LL-00@smtp10.atl.mindspring.net>

73,

Date: Fri, 28 Dec 2001 16:18:33 -0500

From: W2AGN <w2agn@pobox.com>
To: Howard Myers <howardw7ilw@cableone.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116222] Re: D Region absorbtion
Message-ID: <0112281618330V.03589@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Friday 28 December 2001 16:00, Howard Myers wrote:

> Look at the D region absorbtion at
> http://www.sec.noaa.gov/rt_plots/dregion.html if uou haven't already. It,s
> on the way down now at 2100Z
>
>
> Howard - W7ILW - Prescott, AZ

--

Unfortunately, another X-class flare this afternoon.
We are in the ending of that X-class flare. It began at about 2002
UTC, and peaked at 2045 (a long flare), at a level of X3.4 - expect
that the radio blackout will end in the next 15 to 45 minutes, and
conditions will improve. The blackout wiped out most HF paths.
Especially in northern latitudes.
Expect, also, a possible Aurora condition tonight from a passage of
a CME from the 6th's event. This flare (the X3.4) might have CME
that will hit us on Sunday.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Fri, 28 Dec 2001 16:34:20 -0500
From: "Tom Pennebaker" <n4rs@netpath-rc.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Message-ID: <001a01c18fe7\$69f58540\$2a2a1bce@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Use only the white stuff (ABS)! The grey and black have carbon in them and
will heat-up and become soft when RF goes through them.

Regards,

Robert

VE3RPF

Thanks for the correction. The white stuff is PVC, the black stuff is ABS....

Date: Fri, 28 Dec 2001 16:38:18 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: North Georgia QRP Club <nogaqrp@qth.net>, qrp-l@lehigh.edu
Subject: [116224] NQ4RP Active Tonight for Holiday MW contest
Message-ID: <5.0.2.1.2.20011228163340.02269ec0@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Will be operating NQ4RP from 2200Z to 0200Z, minus a break for dinner (no offense, Bob, but that's a crappy time for a contest...Friday night, 5pm to 9pm?). Going to try 15M first, near 21.060. If nothing working there will drop down to 20M, up from 14.060. Running 100mW (W1).

PS. If you're one of the states I need for <1W WAS QRP, expect to have me sign NQ4RP/K04WX and QSL PSE... 8-)

Sorry for the late notice. Didn't know if I'd feel like operating tonight or not, but will have a go at it...

72 de Mike, K04WX
Michael C. Boatright

Date: Fri, 28 Dec 2001 16:56:24 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [116225] land grab etc..ants.
Message-ID: <20011228.165842.-16615897.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Why doesn't the new proposal open up the lower portion of the cw band to all?

everybody can copy 5wpm, many 13 wpm and more than u would guess at 20 wpm or more...

So why is the general ham expected not to mind others sharing cw space yet the extras won't share theirs...????

cw is no longer a commercial product, there is no status symbol here.... anyone passing the advanced test is passing a more comprehensieve test than those old extras ever saw.... so where is the problem...no it's not arrl, arrl represents its membership...

Which all means sumthin I guess... heck I would even turn my 3 element on 40 towards europe and probalby work the guys there at mw level...especially in the quiet first 25khz of 40, heck the general portion is crowded already...

Which Reminds me... it might be a good idea to go outside and take pictures of ur trees now that the leaves are gone... so when u come up with the next ant project this spring u can get a better picture of what is actually there...

I'm almost ready to try my camper top as an antenna.... got some 2x4's to lift up the camper top...and a tuner to match the xmtr... if the thing works I''' ll let u know...gotta be some way to get that thing to radiate....

happy new year
ke1la joel...

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/web/>.

Date: Fri, 28 Dec 2001 22:15:32 +0000

From: "Jim Larsen" <al7fs2001@hotmail.com>

To: qrp-1@lehigh.edu

Subject: [116226] AL7FS mW on 10 meters 2220z

Message-ID: <F36gl4rhYQYx3G5aYY60000e2c5@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

I seem to be hearing a few east coast signals on 10 meters. I will try a bit of 900 mW CQ starting about 2220Z. I will probably be on or about .062-.063 on what ever band I am on.

73, Jim

Jim Larsen, AL7FS, Anchorage, Alaska

(BP51cc) - 61.101 North, 149.824 West

<http://www.qsl.net/al7fs/>

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Fri, 28 Dec 2001 22:19:07 +0000
From: "Jim Larsen" <al7fs2001@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [116227] AL7FS QSL cards in the mailbox
Message-ID: <F253KCQbJQNBg5nUEj10000e478@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I put over 3 dozen QSL cards in the mailbox today. Most are from earlier this month, a few are DX, and a few are a bit older. I must be out of practice a QSLs. I put the required 80 cents on the mail to France, GB, and Japan and then proceeded to put 80 cents on a QSL card without envelope. That's 59 cents down the drain. It made me laugh at myself. I guess that's good.

I am now caught up except for QSL Buro cards which I seem to do very poorly.
I think I have a mental block or something.

Take care.

73, Jim
Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Fri, 28 Dec 2001 17:44:18 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [116228] AL7FS - Jim in AK on 10 meters
Message-ID: <006701c18ff1\$30004960\$f2b64d0c@tom>

Just worked Jim at 2339 Zulu.
Jim was 559 in SW FL.
He was on 28.061.30 simplex

Tom, N1TP

Date: Fri, 28 Dec 2001 22:46:54 +0000
From: K8CZ@att.net
To: "N8IE" <n8ie@woh.rr.com>
Cc: "FPQRP-1" <fpqrp-1@mpna.com>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [116229] Re: [fpqrp] Christmas Truffle de Santa!
Message-ID:
<20011228224654.IRCZ15547.mtiwmhc25.worldnet.att.net@webmail.worldnet.att.net>

Thank God, Dan's getting pants.

--

73,72, 00

FP #41 NJQRP #338 Fists #2360

ARCI #9606 SOC #336 Norcal ARRL

Hamilton, Ohio EM79ri

Tom, K8CZ

> Hello all,

> Santa stopped by the shack on Christmas night and sat in as the guest
> Truffle. He was very tired from his yearly trip but did a fantastic job. He
> even said I might get that pair of pants for Christmas next year. :-D

>

> He sent TU 559 NP (North Pole) SANTA. Now some of you sent what you thought
> your were this year by either sending NTY or NIC. Santa just shook his head
> on some of you and would not say why. Hummm.

>

> Anyway, thanks for showing up and Santa is working on a special QSL, so just
> send one to me and I'll get one out your way.

>

> UTC CALL NON ST NAME PWR

> 0130 WA8BXN NTY OH MIKE 5W

> 0131 W0CH 559 MO DAVE 900MW

> 0132 W5YR NIC TX GEORGE 5W

> 0135 WV9N NTY OH RANDY 5W

> 0137 AF4PS NTY FL MAC 5W

> 0138 K4GT 559 GA JIM 5W

> 0140 K8KFJ 559 GARY WV 5W

> 0142 W9HL NTY IL RANDY 5W

> 0148 KB9BVN 559 IN BRIAN 5W

> 0149 K4BYF 559 FL JACK 5W

> 0151 KE6TI 559 IN HAL 3W
> 0153 N1TP 549 FL TOM 5W
> 0156 AJ4AY NTY AL JAY 5W
> 0157 K4FB NTY AL PAUL 5W
> 0158 WB8ICN NTY MI MIKE 5W
> 0159 WB0WAO 539 DENNIS MI 5W
>
> 72, oo
> Dan, N8IE
> FPQRP #-6, FISTS #4985
> QRP-1 #1404, ARCI #11003
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1 -

Date: Fri, 28 Dec 2001 22:48:55 +0000
From: K8CZ@att.net
To: "N8IE" <n8ie@woh.rr.com>
Cc: "FPQRP-1" <fpqrp-1@mpna.com>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [116230] Re: [fpqrp] Oh Truffle were art thou!
Message-ID:
<20011228224856.WIGH13869.mtiwmhc26.worldnet.att.net@webmail.worldnet.att.net>

Thanks Dan. You had a great ground wave sig down here.

--

73,72, 00
FP #41 NJQRP #338 Fists #2360
ARCI #9606 SOC #336 Norcal ARRL
Hamilton, Ohio EM79ri
Tom, K8CZ
> Our scheduled Truffle got caught up in a shopping cart accident at a local
> K-Mart during a Blue Light Special . So after some arm twisting from Mac,
> AF4PS I did a short run with the club call W8PIG. I sent tu 559 oh dan 5w.
>
> Here are the winners, 11 in 11 minutes, not bad at all. Tnk for showing up!
> UTC CALL RST ST NAME PWR
> 0149 af4ps 559 fl mac 5w
> 0150 k4adi 559 sc frank 5w
> 0151 wv9n 59 wv randy 5w
> 0152 w5yr 559 tx geo 5w
> 0153 wr5o 559 tx dave 5w
> 0154 k5jhp 559 tx bill 5w
> 0155 n9ne 559 wi todd 100mw
> 0156 k8ut 569 mi lou 5w
> 0157 aa5o 559 la vern 5w
> 0158 k8cz 559 oh tom 5w
> 0159 k4byf 559 fl jack 5w

>
> 72, oo
> Dan, N8IE
> FPQRP #-6, FISTS #4985
> QRP-1 #1404, ARCI #11003
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1 -

Date: Fri, 28 Dec 2001 17:58:49 -0500
From: W2AGN <w2agn@pobox.com>
To: "Tom" <n1tp@worldnet.att.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [116231] Re: AL7FS - Jim in AK on 10 meters
Message-ID: <0112281758490W.03589@CC2289974-A>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Friday 28 December 2001 17:44, Tom wrote:

> Just worked Jim at 2339 Zulu.
> Jim was 559 in SW FL.
> He was on 28.061.30 simplex
>
> Tom, N1TP

--

Still calling CQ. Honest 559 into NJ. I had to push the power up to 400mw, though.

John L Sielke W2AGN
 w2agn@pobox.com
http://www.qsl.net/w2agn
 Trustee: W3IYQ

Date: Fri, 28 Dec 2001 15:13:31 -0800 (PST)
From: Ronnie Davis <ke4vpn@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [116232] FS: Wilderness Sierra with KC2 & LDG Tuner
Message-ID: <20011228231331.41855.qmail@web13506.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello

I done some trading awhile back and got a Sierra with all the band modules and KC2 Freq display and keyer from a nice guy on this list. I have been wanting to buy an Omni VI for awhile so im going to try and sell this nice unit along with a LDG QRP tuner to buy one. The tuner was built by me and checked out by LDG. I am open to offers but please be reasonable. I am listing it here before anywhere else. Please reply direct. I have been off the list for awhile. I also have a Kenwood TS440s with tuner and cw filer/ssb filter and MC60 for sale. Ten Tec Scout with 6 band modules and ps plus tuner also for sale.

Thanks

Ronnie KE4VPN 72

Do You Yahoo!?

Send your FREE holiday greetings online!

<http://greetings.yahoo.com>

Date: Fri, 28 Dec 2001 15:49:30 -0800

From: "Trevor Jacobs" <fxtech@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [116233] Headphones...

Message-ID: <00c101c18ffa\$4bbf2aa0\$259fb2d1@tjacobs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

UPS finally delivered my new headphones today, and thought I'd share this with you guys, since I think that they are about the best I've ever had. They are model number MDR-V6 headphones made by Sony. I'd been looking around for a nice set for a while, and a buddy of mine that works in the studios out here reccomended this model number. They aren't cheap, at ~\$80.00, but the sound is great. I hooked them up to my DSW-40 this afternoon and had a real nice long QSO with W6DU. They sound so much better than the Fostex headphones that I'd been using. Very clear sound. I'm going to try them out a bit more tonight. The neat thing is they are the full surround the ear type, and they fold up into a small leather bag that was included for travel and storage. Also they come with the smaller 3.5 mm plug and a screw on adapter to make it 1/4" plug. Will be a great combo for the FT-817. Take care...

72/73's
Trev
KG6CYN

Date: Fri, 28 Dec 2001 18:51:00 -0500
From: "Greg Breeden" <gbreeden@pivot.net>
To: <qrp-l@Lehigh.EDU>
Subject: [116234] Re: AL7FS - Jim in AK on 10 meters
Message-ID: <002e01c18ffa\$81458f20\$db70ccd8@e4e8t7>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim is still at it 2351Z on 28.061. We traded 339 reports into Southern
Maine.

Greg, AL0A

End of QRP-L Digest 2419

